HYGIENETECH
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August 8, 2008

California State Board of Equalization
450 N Street
Sacramento, California 94279

Document No. 20803001.6

Attention: David Gau

Regarding: Limited Indoor Air Quality Survey
2ND Floor

Dear Mr. Gau:

On various dates in March and April of 2008, industrial hygienists with Hygiene Technologies International, Inc. (HygieneTech) conducted a limited indoor air quality survey on the 2ND Floor of the California State Board of Equalization building located at the above mentioned address. At the time of the survey, various samples were collected and direct-reading instruments were used to assess the general indoor air quality, with a clear emphasis on establishing fungal growth exposure potential data. I have enclosed our report, which included general observations, sample and direct-reading results, a discussion of the data, conclusions, and recommendations.

If you have any comments or questions regarding the information contained in this report, please do not hesitate to contact our offices directly at (310) 370-8370.

Sincerely,

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

Brian P. Daly, CIH, PE
President

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LIMITED INDOOR AIR QUALITY SURVEY

450 N STREET – 2ND FLOOR
SACRAMENTO, CALIFORNIA

PREPARED FOR:

CALIFORNIA STATE BOARD OF EQUALIZATION
450 N STREET
SACRAMENTO, CALIFORNIA

PREPARED BY:

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.
3625 DEL AMO BOULEVARD, SUITE 180
TORRANCE, CALIFORNIA

AUGUST 8, 2008

1.0 BACKGROUND

On various dates in March and April of 2008, industrial hygienists with Hygiene Technologies International, Inc. (HygieneTech) conducted a limited indoor air quality survey on the 2ND Floor of the California State Board of Equalization Building located at 450 N Street in Sacramento, California. During the survey, a variety of samples were collected and direct-reading instruments were used to assess the general indoor air quality on the 2nd Floor of the subject building. Various air and surface samples were collected in order to assess fungal growth exposure potentials and to establish fungal growth assessment information on selected building material surfaces. In addition, air samples were collected throughout the floor for fibrous dust, microbial volatile organic compounds (MVOCs), and total dust analysis and direct-reading instruments were used to determine airborne volatile organic compounds (VOCs), carbon dioxide (CO_2), ozone (O_3), air temperature, and relative humidity.

2.0 OBSERVATIONS

The interior building materials of 2ND Floor included, but were not limited to, metal window frames; painted gypsum board and/or metal window sills; metal doorjambs and door frames; painted gypsum board walls in the general work areas; tile covered walls and painted gypsum board ceilings in the restrooms; suspended 2' by 4' ceiling tiles in the general work areas; vinyl cove base; carpet flooring in the general work areas; and ceramic or vinyl tile flooring in the restrooms and break rooms.

The furnishings in the surveyed areas included desks, upholstered chairs, shelves, fabric covered cubicles, office supplies, computers, and other electronic office equipment. The furnishings did not appear to support fungal growth, nor did they appear to have been affected in any other manner by water intrusion. However, be advised that visible accumulation of debris, dust, and other particulates was observed on the reverse side of all sampled HVAC supply air registers.

3.0 SAMPLING AND ANALYSIS

Air samples were collected and subsequently analyzed for fungi (including yeasts, molds, rusts, smuts, and mushrooms) by trained and experienced microbiologists at laboratories accredited by the American Industrial Hygiene Association (AIHA) and that successfully participate in the AIHA Environmental Microbiology Proficiency Analytical Testing (EMPAT) Program. Other samples were collected for airborne fibers, MVOCs, and total dust determinations using SKC® brand Airchek® 52 sampling pumps and the appropriate sampling media. Pump flow rates were established and verified using a BIOS DryCal DC-Lite primary flow meter. Those samples were collected and analyzed along with blanks (identical sampling media through which no air was drawn), when necessary, at laboratories accredited by the American Industrial Hygiene Association (AIHA) through successful participation in the National Institute for Occupational Safety and Health (NIOSH) Proficiency Analytical Testing Program. Direct-reading instruments were used to determine airborne O_3 and VOC levels, the results of which appear in Table 20803001-144 in Appendix A of this report. A discussion of the airborne CO_2 data, along with air temperature and relative humidity results, appears in Section 4.0 of this report. Additional information concerning the specific sampling and analytical methods appears below.

3.0 SAMPLING AND ANALYSIS (CONTINUED)

3.1 Airborne Total Fungi

Air samples for airborne total (viable and nonviable) fungi determinations were collected using a Zefon brand Bio-Pump™ equipped with Allergenco-D™ cassettes. All such samples were collected at various indoor locations and two samples were collected outdoors on the applicable survey dates for comparison purposes. The resultant data, which are presented in spores per cubic meter of air (spores/M^3), appear in Table 20803001-138.

3.2 Airborne Viable Fungi

Air samples for airborne viable fungi determinations were collected on malt extract agar (MEA) using a Gast brand high volume air-sampling pump equipped with an Aerotech 6™ Single Stage Bioaerosol Sampler. Two outdoor samples were also collected on the applicable survey date for comparison purposes. The media was incubated prior to enumeration of colony-forming units per agar plate and the resultant data, presented in colony forming units per cubic meter of air (CFU/ M^3), can be found in Table 20803001-139.

3.3 Surface Fungal Growth Potentials

Surface samples were collected for fungal growth assessment using Scotch® brand cellophane tape segments affixed to microscope slides. Additionally, surface fungi samples were collected from various heating, ventilating, and air conditioning (HVAC) supply air register surfaces using Healthlink® Transporters™ (Rayon tipped swabs immersed in 0.5 ml modified Stuart's transport medium). These data are presented in Table 20803001-140.

3.4 Airborne Fibrous Dust

Area air samples for fibrous dust were collected at stationary locations on 25-millimeter diameter, 0.8-micrometer pore size, mixed cellulose ester filters. The samples were analyzed by phase contrast microscopy (PCM) in accordance with the NIOSH Method 7400. These data are presented in fibers per cubic centimeter (f/cc) of air in Table 20803001-141.

3.5 Airborne Total Dust

Area air samples for total dust determination were collected at stationary locations on filter cassettes containing pre-weighed 37-millimeter diameter, polyvinyl chloride filters having a pore size of five micrometers. The samples were analyzed by gravimetric method in accordance with the NIOSH Method 0500. These data are presented in milligrams per cubic meter of air (mg/M^3) and appear in Table 20803001-142.

3.6 Microbial Volatile Organic Compounds

Area samples for MVOCs were collected on solid sorbent tubes equipped with Sagelock fittings. The samples were analyzed by gas chromatography/ mass spectrometry, modified for MVOCs following the AIHA field guide. These data are presented in mg/M^3 and appear in Table 20803001-143.

3.0 SAMPLING AND ANALYSIS (CONTINUED)

3.7 Airborne Volatile Organic Compounds

Direct-reading air measurements for VOCs were also recorded at various locations on the 2nd Floor using a RAE Systems, Inc. Mini-RAE 2000 photoionization detector, which is capable of detecting a wide variety of unsaturated hydrocarbons at airborne concentrations ranging from 0.1 to 10,000 parts per million (ppm). Prior to the survey, this instrument was calibrated using a 100-ppm isobutylene gas standard. These data are presented in parts per million (ppm).

3.8 Airborne Ozone

Direct-reading air measurements for O_3 were recorded at various locations using a Dräger colorimetric detector tube apparatus with the appropriate detector tubes. The data are presented in ppm.

3.9 Airborne Carbon Dioxide

Direct-reading air measurements for airborne CO_2 concentration was recorded at a stationary location using a Telaire® 7001 Carbon Dioxide and Temperature Monitor along with HOBO® data logger. The data are presented in ppm.

3.10 Air Temperature and Relative Humidity

Air temperature and relative humidity data were recorded at a stationary location using a Telaire® 7001 Carbon Dioxide and Temperature Monitor along with the HOBO® data logger.

4.0 DISCUSSION

4.1 Airborne Total Fungi

The airborne total fungi data showed common fungal spore types outdoors such as *Alternaria*, *Arthrinium*, ascospores, basidiospores, *Bipolaris/Drechslera* group, *Cladosporium*, colorless spores typical of *Penicillium* and *Aspergillus* species, *Curvularia*, *Epicoccum*, *Nigrospora*, *Oidium*, rusts, smuts, *Torula*, and/or unidentified mitosporic fungi, with *Cladosporium* predominating in all the samples. Additionally, less common fungal spores of *Chaetomium* and *Stachybotrys* were also found outdoors. Indoors, the ambient data showed low airborne concentrations of common fungal spores that included one or more of the following: *Alternaria*, ascospores, basidiospores, *Chaetomium*, *Cladosporium*, colorless spores typical of *Penicillium* and *Aspergillus* species, *Oidium*, rusts, smuts, *Torula*, and/or unidentified mitosporic fungi. The overall spore counts within the tested areas were well below the overall data recorded outdoors.

Additionally, the air samples collected within the ceiling plenums indicated generally low levels of fungal spore types such as *Alternaria*, *ascospores*, basidiospores, *Botrytis*, *Cladosporium*, colorless spores typical of *Penicillium* and *Aspergillus* species, *Oidium*, rusts, smuts, *Stachybotrys*, *Stemphylium*, *Torula*, *Ulocladium*, and/or unidentified mitosporic fungi, with the exception of two somewhat higher levels of *Cladosporium* recorded near Cubicles 37 and 55. In addition, the low

4.0 DISCUSSION (CONTINUED)

4.1 Airborne Total Fungi (Continued)

but detectable level of *Stachybotrys* recorded in one sample was likely an anomaly and therefore considered unremarkable. However, note that the airborne fungi results for the occupied space would suggest that such conditions in the ceiling plenums did not appear to have adversely affected the indoor air quality on the 2ND Floor. These data are not believed to pose a health risk beyond that posed by the outdoor environment where exposures to airborne fungi are expected.

4.2 Airborne Viable Fungi

The viable fungi data recorded outdoors showed overall levels of 1,239 CFU/M^3 and 1,593 CFU/M^3 in the two samples collected, with *Cladosporium* predominating in both samples. Indoors, low levels of common fungi were found, including *Alternaria*, *Aspergillus fumigatus*, Arthrospore-former, *Cladosporium*, non-sporulating fungi, *Penicillium*, and/or yeasts. Again, the recorded data were unremarkable and are not believed to pose a health risk beyond that posed by the outdoor environment where exposures to airborne fungi are expected.

4.3 Surface Fungal Growth Potentials

The surface assessment data involving the samples collected from various cubicle partitions and other surfaces throughout the 2ND Floor indicated no evidence of fungal growth or above-background levels of loose fungal spores on those surfaces. Additionally, the surface assessment data from the samples collected from the HVAC supply air registers throughout the floor indicated loose fungal spores involving *Alternaria*, *Cladosporium*, *Penicillium/Aspergillus* types, and/or *Ulocladium* on six of the eight registers sampled. Be advised that visible accumulation of debris, dust, and other particulates was observed on the reverse side of all sampled HVAC supply air registers, and that such conditions are indicative of an environment that may promote fungal growth.

4.4 Airborne Fibrous Dust

The data recorded in the surveyed areas indicated that airborne fibrous dusts were detected at levels ranging from 0.007 to 0.012 f/cc. Because the samples were collected at stationary locations at approximate breathing zone height, the resultant data are expected to represent building occupant *exposure potentials* for those persons working in or passing through the areas monitored. These data, which are expected to represent employee *exposure potentials* to fibers of various types, including man-made and natural mineral fibers, cellulosics (paper or wood composition), gypsum, and other fibrous dusts common in the environment, are well below the current Cal-OSHA 8-hour TWA PEL for asbestos fibers of 0.1 f/cc, the most restrictive exposure limit for fibrous dusts.

4.5 Airborne Total Dust

Common dust that is typically identified in buildings usually contains a wide variety of materials including, but not limited to, gypsum crystals, cellulosic particles, fiberglass fragments, mineral grains from soil, fungi spores, fine glass fibers, textile and wood fibers, iron or steel fragments, dead skin cells, insect parts, animal dander, and pollens. Generally, exposure to low levels of such materials does not produce ill effects in most persons. In fact, these so-called *nuisance dusts* have a long

4.0 DISCUSSION (CONTINUED)

4.5 Airborne Total Dust (Continued)

history of little adverse effect to the lungs and are not known to produce significant diseases or toxic effects, such as collagen (scar tissue) formation, when exposure are kept under reasonable control.

The data recorded in the surveyed areas showed that airborne total dust was not detected above the laboratory detection limit of 0.17 mg/M^3. Because the samples were collected at stationary locations at approximate breathing zone height, the resultant data are expected to represent building occupant *exposure potentials* for those persons working in or passing through the areas monitored. These data are well below the State of California, Department of Industrial Relations, Division of Occupational Safety and Health (Cal-OSHA) 8-hour time-weighted average (TWA) permissible exposure limit (PEL) for total dust of 10 mg/M^3, as defined in Title 8 of the California Code of Regulations, Section 5155 (T8, CCR § 5155). Note that these data are also well below the American Conference of Governmental Industrial Hygienists 8-hour TWA threshold limit value (TLV-TWA) for particulate (not otherwise classified) of 10 mg/M^3; the U.S. Environmental Protection Agency (EPA) National Ambient Air Quality Primary Standard of 0.26 mg/M^3 (24-hour standard); and the American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc. (ASHRAE) theoretical value for non-occupational environments of 1/10 of the TLV.

4.6 Airborne Microbial Volatile Organic Compounds

Microbial Volatile Organic Compounds (MVOCs) are composed of low molecular weight alcohols, aldehydes, amines, ketones, terpenes, aromatic and chlorinated hydrocarbons, and sulfur-based compounds that are known to be byproducts of microbial metabolism. MVOCs have a very low odor threshold, thus, making them easily detectable by smell. They often have strong odors and are responsible for the smells generally associated with fungal growth.

The airborne MVOC data indicated the presence of 1-butanol at levels ranging from 525 ng/M^3 to 548 ng/M^3. Microbial growth related VOCs would not be expected to be present indoors without additional MVOCs such as ethanol, 1-octen-3-ol, 2-octen-1-ol, benzyl cyanide, 2-methyl-isoborneol, geosmin (1-10-dimethyl-*trans*-9-decalol), and/or terpenes also being present. The fact that 1-butanol was detected at low levels without the other above mentioned MVOCs would indicate that their presence on the 2nd Floor was most likely not fungal growth related and attributable to personal products such as perfumes and other personal cosmetic products. All such data are well below the applicable Cal-OSHA 8-hour TWA PELs as defined in T8, CCR § 5155.

4.7 Airborne Volatile Organic Compounds

With the use of a direct-reading photoionization detector, VOCs were detected at a peak level of 0.3 ppm. Because these data were recorded at stationary locations at approximate breathing zone height, the results are expected to represent building occupant *exposure* potentials for those persons occupying or passing through the areas monitored. These data were well below the surrogate Cal-OSHA PELs that are often used for comparative purposes regarding VOC exposures, such as those for gasoline, hexane, and varnish makers and painters (VM&P) naphtha.

4.0 DISCUSSION (CONTINUED)

4.8 Airborne Ozone

O_3 was not detected at or above the Dräger instrument detection limits of 0.05 ppm.

4.9 Airborne Carbon Dioxide

On April 15, 2008, the direct-reading results indicated that CO_2 was detected at levels ranging from 454 and 542 ppm on the 2nd Floor. While these data were somewhat higher than the expected outdoor CO_2 levels, which generally range between 320 and 350 ppm, they are considered normal for occupied indoor environments and they are all well below the Cal-OSHA 8-hour TWA PEL for CO_2 of 5000 ppm (T8, CCR, § 5155). They are also below the level of 1000 ppm, which is essentially equivalent to the recommended upper limit for building occupant comfort and odor control established by ASHRAE (not greater than 700 ppm above the outdoor CO_2 value) as stated in ASHRAE 62-2001.

Based on historic studies performed by HygieneTech, building occupant complaints of "stuffy" air often begin when CO_2 levels exceed 800 ppm. HygieneTech has also found that some sensitive persons may experience discomfort, including eye irritation and headache, when CO_2 levels reach 1,000 ppm. Such symptoms are not believed to be the result of an unhealthful exposure to CO_2; rather, they are thought to be the result of exposure to other common indoor air pollutants which, if not exhausted and/or diluted, can accumulate over time.

4.10 Air Temperature and Relative Humidity

On April 15, 2008, air temperatures indoors ranged between 72.5 and 74.5 degrees Fahrenheit (°F). Based on the experience of HygieneTech, the air temperatures perceived as comfortable by most persons in office environments, and recommended by ASHRAE for occupant comfort, range between 68.0 and 74.5°F (winter) and 73.0 and 79.0°F (summer). The air temperatures recorded in the surveyed areas were within the comfort range recommended for the winter months.

Relative humidity data were recorded indoors at levels ranging from 23.4 to 24.0 percent. Such levels were well within the 20 to 60 percent relative humidity level range recommended by ASHRAE for occupant comfort. Note that HygieneTech recommends that the relative humidity in buildings not exceed 50 percent in order to limit the potential for fungal growth.

5.0 CONCLUSIONS

5.1 The airborne total and viable fungi data recorded in the surveyed areas showed airborne fungi levels that were generally below those recorded outdoors and therefore considered unremarkable. These data are not believed to pose a health risk beyond that posed by the outdoor environment where exposures to airborne fungi are expected. However, note that the airborne fungi results recorded within the ceiling plenum indicated somewhat higher levels of *Cladosporium* at two locations, the airborne data recorded within the occupied space would suggest that the conditions in the ceiling plenums did not appear to have adversely affected the indoor air quality on the 2ND Floor.

5.0 CONCLUSIONS (CONTINUED)

5.2 The surface assessment data involving the samples collected from various cubicle partitions and other surfaces throughout the 2ND Floor indicated no evidence of fungal growth or above-background levels of loose fungal spores on those surfaces. Additionally, the surface assessment data from the samples collected from the HVAC supply air registers throughout the floor indicated loose fungal spores involving *Alternaria*, *Cladosporium*, *Penicillium/Aspergillus* types, and/or *Ulocladium* on six of the eight registers sampled. Be advised that visible accumulation of debris, dust, and other particulates was observed on the reverse side of all sampled HVAC supply air registers, and that such conditions are indicative of an environment that may promote fungal growth. However, note that the airborne fungi results discussed above would suggest that such conditions did not appear to have adversely affected the indoor air quality on the 2ND Floor.

5.3 The airborne total and fibrous dust, VOC, and O_3, and $C0_2$ levels recorded during the survey were unremarkable. Collectively, the data were well below applicable Cal-OSHA 8-hour TWA PELs and/or other occupational, non-occupational, ASHRAE, or foreign guidelines. The data are not expected to represent conditions that pose a measurable health risk to the building occupants.

5.4 The airborne MVOC data indicated the presence of 1-butanol at levels ranging from 525 ng/m^3 to 548 ng/m^3. Microbial growth related VOCs would not be expected to be present indoors without additional MVOCs such as ethanol, 1-octen-3-ol, 2-octen-1-ol, benzyl cyanide, 2-methyl-isoborneol, geosmin (1-10-dimethyl-*trans*-9-decalol), and/or terpenes also being present. The fact that 1-butanol was detected at low levels without the other above mentioned MVOCs would indicate that their presence on the 2nd Floor was most likely not fungal growth related and attributable to personal products such as perfumes and other personal cosmetic products. All such data are well below the applicable Cal-OSHA 8-hour TWA PELs as defined in T8, CCR § 5155.

5.5 Indoor air temperatures ranged between 72.5 and 74.5 degrees Fahrenheit (°F) on the survey date. Based on the experience of HygieneTech, the air temperatures perceived as comfortable by most persons in office environments, and recommended by ASHRAE for occupant comfort, range between 68.0 and 74.5°F (winter) and 73.0 and 79.0°F (summer). The air temperatures recorded in the surveyed areas were within the comfort range recommended for the winter months. Relative humidity data were recorded indoors at levels ranging from 23.4 to 24.0 percent, levels that were well within the 20 to 60 percent relative humidity level range recommended by ASHRAE for occupant comfort. Note that HygieneTech recommends that the humidity in buildings not exceed 50 percent in order to limit the potential fungal growth.

5.6 Be advised that the data provided in this report only represent fungal growth and exposure potentials that existed at the time the survey was performed and at the precise sample locations only, the latter of which were selected based on the available background information provided. Note that fungal growth and exposure potentials may change due to changes in environmental conditions (such as those caused by water intrusion), use of mechanical systems, or other factors. Also be advised that additional fungal growth may exist at one or more locations in the structure that were not specifically assessed during the survey.

6.0 RECOMMENDATIONS

All such recommendations are based strictly on the assessment information and analytical data that were available to HygieneTech at the time this report was prepared. Be advised that, in order to establish data that accurately reflects all the fungal growth sites on the 2ND Floor, additional assessment evaluations may be required as more information is known regarding the history of water intrusion episodes in discrete building areas.

6.1 If not yet established, an accurate record of all air monitoring results should be maintained in accordance with Cal-OSHA regulation found in T8, CCR § 3204. All affected employees should be informed that the *exposure potential* data in this report exist and that those persons, or their representatives, have a right to access relevant exposure data and medical records.

6.2 Routine cleaning of the HVAC supply air registers on the 2ND Floor should be performed to preclude the build-up of dust and debris, which may potentially contribute to fungal growth on those surfaces.

6.3 A detail inspection of the ceiling plenum should be conducted to determine possible sources of water intrusion and/or fungal growth reservoirs.

6.4 Also be advised that the exposure data recorded during the survey may not be sufficiently broad to adequately assess the suitability of the indoor air quality for all individuals, particularly those who are extremely sensitive to certain chemical and/or biological substances or for those individuals with immune system deficiencies. Although not expected, if persons occupying or passing through the 2nd Floor do experience non-specific ill effects of unknown etiology, then those affected should be referred to a medical professional in order to determine or specify the possible cause(s) of such reactions. If more information becomes available, further investigation and air monitoring may be warranted.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

Kenny K. Hsi, CIH
Technical Director

Date: August 8, 2008

Brian P. Daly, CIH, PE
President

Date: August 8, 2008

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

TABLE 20803001-138
AIRBORNE TOTAL FUNGI RESULTS
2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 4, 14, AND 15, 2008

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**20804001-TM01OUTME**	**20804001-TM02ME**	**20804001-TM03ME**	**20804001-TM04ME**
SAMPLING LOCATION/ACTIVITIES	Outdoor; about 25 feet east of building; approximately five feet above ground/Normal outdoor activities	About six feet east of Column J23 area; approximately five feet above floor/Normal office activities	Column K23 area; Cubicle 043; about center; approximately five feet above floor/Normal office activities	Column K22 area; Cubicle 30; about center; approximately five feet above floor/Normal office activities
DATE	04-04-08	04-04-08	04-04-08	04-04-08
START/STOP	14:15:00/14:20:00	14:30:00/14:35:00	14:39:00/14:44:00	14:45:00/14:50:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	P			
Arthrinium	P			
Ascospores	52		P	
Aureobasidium				
Basidiospores	260	P		100
Bipolaris/Drechslera group				
Botrytis				
Chaetomium	52			
Cladosporium	1,100	P		P
Curvularia				
Epicoccum				
Nigrospora				
Oidium	P			
Penicillium/Aspergillus types	52	100	100	210
Pithomyces				
Rusts	260		P	
Smuts (Periconia, Myxomycetes)	100			
Stachybotrys	100			
Stemphylium				
Torula	310		P	
Ulocladium				
Unidentified mitosporic fungi	520		P	100
Background particulates*	Light	Light	Light	Light
TOTAL**	2,800	100	100	410

P = Spores present

*Background particulates is an indication of the amount of non-biological particulate matter present on the media and is graded (from least to greatest) as very light, light, moderate, heavy and very heavy or as 1+ to 4+.

** Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.

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APRIL 4, 14, AND 15, 2008

Results reported in spores per cubic meter of air (spores/M3)

SAMPLE NUMBER	**20804001-TM05ME**	**20804001-TM06ME**	**20804001-TM07ME**	**20804001-TM08ME**
SAMPLING LOCATION/ACTIVITIES	Column M22 area; Cubicle 58; about center; approximately five feet above floor/Normal office activities	Column N22 area; Cubicle 37; about center; approximately five feet above floor/Normal office activities	Area between Columns N21 and N22; Cubicle 103; about center; approximately five feet above floor/Normal office activities	About 15 feet north of Break Room 214; approximately five feet above floor/Normal office activities
DATE	04-04-08	04-04-08	04-04-08	04-04-08
START/STOP	14:54:00/14:59:00	15:00:00/15:05:00	15:09:00/15:14:00	15:15:00/15:20:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Arthrinium				
Ascospores				
Aureobasidium				
Basidiospores	52	100	160	
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	52	52	P	
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Oidium				
Other brown				
Penicillium/Aspergillus types	P	P		P
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)		52		P
Stachybotrys				
Torula				
Ulocladium				
Unidentified mitosporic fungi	P	52	P	P
Background particulates*	Light	Light	Light	Light
TOTAL**	100	260	160	<52

P = Spores present

*Background particulates is an indication of the amount of non-biological particulate matter present on the media and is graded (from least to greatest) as very light, light, moderate, heavy and very heavy or as 1+ to 4+.

** Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.

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2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 4, 14, AND 15, 2008

Results reported in spores per cubic meter of air (spores/M3)

SAMPLE NUMBER	20804001-TM09ME	20804001-TM10ME	20804001-TM11ME	20804001-TM12ME
SAMPLING LOCATION/ACTIVITIES	Area between Column N19 and N20 area; Cubicle 134; about center; approximately five feet above floor/Normal office activities	Column N19 area; Cubicle 119; about center; approximately five feet above floor/Normal office activities	Column N18 area; Cubicle 127; about center; approximately five feet above floor/Normal office activities	Column L18 area; Cubicle 007; about center; approximately five feet above floor/Normal office activities
DATE	04-04-08	04-04-08	04-04-08	04-04-08
START/STOP	15:24:00/15:29:00	15:30:00/15:35:00	15:36:00/15:41:00	15:45:00/15:50:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Arthrinium				
Ascospores		P	52	
Aureobasidium				
Basidiospores		52	P	P
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	P	52	52	52
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Oidium				
Other brown				
Penicillium/Aspergillus types	52		160	52
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)			P	
Stachybotrys				
Torula			P	
Ulocladium				
Unidentified mitosporic fungi			P	52
Background particulates*	Very light	Moderate	Moderate	Moderate
TOTAL**	52	100	260	160

P = Spores present

*Background particulates is an indication of the amount of non-biological particulate matter present on the media and is graded (from least to greatest) as very light, light, moderate, heavy and very heavy or as 1+ to 4+.

** Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.

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APRIL 4, 14, AND 15, 2008

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	20804001-TM13ME	20804001-TM14ME	20804001-TM15ME	20804001-TM16ME
SAMPLING LOCATION/ACTIVITIES	Column K18 area; Cubicle 11; about center; approximately five feet above floor/Normal office activities	Column K19 area; Cubicle 15; about center; approximately five feet above floor/Normal office activities	About two feet east of Column K19; approximately five feet above floor/Normal office activities	Column J19 area; Cubicle 23; about center; approximately five feet above floor/Normal office activities
DATE	04-04-08	04-04-08	04-04-08	04-04-08
START/STOP	15:54:00/15:59	16:00:00/16:05:00	16:06:00/16:11:00	16:15:00/16:20:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Arthrinium				
Ascospores			52	
Aureobasidium				
Basidiospores		52	P	P
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	52		100	
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Oidium				
Other brown				
Penicillium/Aspergillus types	52	100	210	
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)	52			P
Stachybotrys				
Torula				
Ulocladium				
Unidentified mitosporic fungi		100	P	52
Background particulates*	Moderate	Moderate	Moderate	Very light
TOTAL**	160	250	360	52

P = Spores present

*Background particulates is an indication of the amount of non-biological particulate matter present on the media and is graded (from least to greatest) as very light, light, moderate, heavy and very heavy or as 1+ to 4+.

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HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

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CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

TABLE 20803001-138
AIRBORNE TOTAL FUNGI RESULTS
2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 4, 14, AND 15, 2008

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	20804001-TM17ME	20804001-TM18OUTME	20804001-TM01CCJL	20804001-TM02CCJL
SAMPLING LOCATION/ACTIVITIES	Room 208; about center; approximately five feet above floor/Normal office activities	Outdoors; about 30 feet east of building; approximately five feet above ground/Normal outdoor activities	Area between Column K23 and J23 area; approximately five feet east of Cubicle 81; within ceiling plenum/Sampling activities only	Column L23 area; approximately three feet south of Cubicle 55; within ceiling plenum/Sampling activities only
DATE	04-04-08	04-04-08	04-04-08	04-04-08
START/STOP	16:21:00/16:26:00	16:35:00/16:40:00	13:36:00/13:41:00	13:48:00/ 13:53:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				100
Arthrinium				
Ascospores		52	P	160
Aureobasidium				
Basidiospores		990	52	680
Bipolaris/Drechslera group		52		
Botrytis				P
Chaetomium		52		
Cladosporium		1,600	210	3,000
Curvularia				
Epicoccum		P		
Fusarium			P	
Nigrospora				
Oidium		52	52	
Other brown				260
Penicillium/Aspergillus types		P	160	
Pithomyces				
Rusts		P		P
Smuts (Periconia, Myxomycetes)	P	310	52	260
Stachybotrys		P	P	
Torula				52
Ulocladium				P
Unidentified mitosporic fungi		310	P	P
Background particulates*	Very light	Light	Moderate	Heavy
TOTAL**	<52	3,400	530	4,500

P = Spores present

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AIRBORNE TOTAL FUNGI RESULTS
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SACRAMENTO, CALIFORNIA
APRIL 4, 14, AND 15, 2008

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**20804001-TM03CCJL**	**20804001-TM04CCJL**	**20804001-TM05CCJL**	**20804001-TM06CCJL**
SAMPLING LOCATION/ACTIVITIES	Column N22 area; Cubicle 37; about center; within ceiling plenum/Sampling activities only	Column N20 area; about two feet west of Cubicle 110; within ceiling plenum/Sampling activities only	Column N19 area; approximately two feet east of Cubicle 120; within ceiling plenum/Sampling activities only	Column L18 area; Cubicle 007; about center; within ceiling plenum/Sampling activities only
DATE	04-04-08	04-04-08	04-04-08	04-04-08
START/STOP	13:58:00/14:03:00	14:08:00/14:13:00	14:18:00/14:23:00	14:25:00/14:30:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	100	P		
Arthrinium				
Ascospores	52	52	52	
Aureobasidium				
Basidiospores	470	100	260	52
Bipolaris/Drechslera group				
Botrytis	P			
Chaetomium				
Cladosporium	2,000	160	160	52
Curvularia				
Fusarium				
Epicoccum			P	
Nigrospora	P			
Oidium	P			
Penicillium/Aspergillus types	160	260	100	100
Pithomyces				
Rusts	P			
Smuts (Periconia, Myxomycetes)	210	P	100	P
Stachybotrys				
Stemphylium	P			
Torula			52	
Ulocladium	P			
Unidentified mitosporic fungi	210	160		P
Unidentified zygomycetes		P	52	
Background particulates*	Moderate	Moderate	Moderate	Moderate
TOTAL**	3,200	730	780	200

P = Spores present

*Background particulates is an indication of the amount of non-biological particulate matter present on the media and is graded (from least to greatest) as very light, light, moderate, heavy and very heavy or as 1+ to 4+.

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TABLE 20803001-138
AIRBORNE TOTAL FUNGI RESULTS
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SACRAMENTO, CALIFORNIA
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Results reported in spores per cubic meter of air (spores/M3)

SAMPLE NUMBER	20804001-TM07CCJL	20804001-TM08CCJL	20804001-TM17OUTJL	20804001-TM18JL
SAMPLING LOCATION/ACTIVITIES	Column K19 area; approximately three feet east of Cubicle 20; within ceiling plenum/Sampling activities only	Room 208; about center; within ceiling plenum/Sampling activities only	Outdoor; about 20 feet east of building; approximately five feet above ground/Normal outdoor activities	Room 208; about center; approximately five feet above floor/Sampling activities only
DATE	04-04-08	04-04-08	04-14-08	04-14-08
START/STOP	14:32:00/14:37:00	14:41:00/14:46:00	13:18:00/13:23:00	13:40:00/13:45:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	P		27	
Arthrinium				
Ascospores	P		53	
Aureobasidium				
Basidiospores	260	100	320	
Bipolaris/Drechslera group				
Botrytis		P		
Chaetomium				
Cladosporium	100	100	480	
Curvularia				
Fusarium				
Epicoccum				
Nigrospora				
Oidium	P		13	53
Penicillium/Aspergillus types	360		427	
Pithomyces				
Rusts	P		13	
Smuts (Periconia, Myxomycetes)	100		120	
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Unidentified mitosporic fungi	P	P		
Hyphal fragments			360	<13
Background particulates*	Moderate	Light	3+	1+
TOTAL**	820	200	1,453	53

P = Spores present

*Background particulates is an indication of the amount of non-biological particulate matter present on the media and is graded (from least to greatest) as very light, light, moderate, heavy and very heavy or as 1+ to 4+.

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TABLE 20803001-138
AIRBORNE TOTAL FUNGI RESULTS
2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 4, 14, AND 15, 2008

Results reported in spores per cubic meter of air (spores/M3)

SAMPLE NUMBER	**20804001-TM19JL**	**20804001-TM20JL**	**20804001-TM21JL**	**20804001-TM22JL**
SAMPLING LOCATION/ACTIVITIES	Column K22 area; Cubicle 31; about center; approximately five feet above floor/Normal office activities	Area between Columns K23 and J23; Cubicle 81; about center; approximately five feet above floor/Normal office activities	Room 207; about center; approximately five feet above floor/Normal office activities	Column L23 area; Cubicle 55; about center; approximately five feet above floor/Normal office activities
DATE	04-14-08	04-14-08	04-14-08	04-14-08
START/STOP	13:45:00/13:50:00	13:51:00/13:56:00	13:57:00/14:02:00	14:04:00/14:09:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Arthrinium				
Ascospores				
Aureobasidium				
Basidiospores				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium				53
Curvularia				
Fusarium				
Epicoccum				
Nigrospora				
Oidium				
Penicillium/Aspergillus types	53	53		
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)			27	
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Unidentified mitosporic fungi				
Hyphal fragments	<13	<13	<13	<13
Background particulates*	1+	1+	1+	1+
TOTAL**	53	53	27	53

P = Spores present

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TABLE 20803001-138
AIRBORNE TOTAL FUNGI RESULTS
2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 4, 14, AND 15, 2008

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**20804001-TM23JL**	**20804001-TM24JL**	**20804001-TM25JL**	**20804001-TM26JL**
SAMPLING LOCATION/ACTIVITIES	Column M23 area; Cubicle 51; about center; approximately five feet above floor/Normal office activities	Column N22 area; Cubicle 37; about center; approximately five feet above floor/Normal office activities	Area between Columns N21 and N22; Cubicle 103; about center; approximately five feet above floor/Normal office activities	Column N21 area; Cubicle 106; about center; approximately five feet above floor/Normal office activities
DATE	04-14-08	04-14-08	04-14-08	04-14-08
START/STOP	14:10:00/14:15:00	14:16:00/14:21:00	14:22:00/14:27:00	14:28:00/14:33:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Arthrinium				
Ascospores				
Aureobasidium				
Basidiospores		53		53
Bipolaris/Drechslera group				
Botrytis				
Chaetomium	13			
Cladosporium		53	53	
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Oidium		13		
Other brown				
Penicillium/Aspergillus types	53		107	53
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)				
Stachybotrys				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	<13	<13
Background particulates*	1+	2+	2+	2+
TOTAL**	66	119	160	106

P = Spores present

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Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**20804001-TM27JL**	**20804001-TM28JL**	**20804001-TM29JL**	**20804001-TM30JL**
SAMPLING LOCATION/ACTIVITIES	Area between Columns N20 and N21; Cubicle 138; about center; approximately five feet above floor/Normal office activities	Column N20 area; Cubicle 110; about center; approximately five feet above floor/Normal office activities	Column M18 area; Cubicle 124; about center; approximately five feet above floor/Normal office activities	Column M18 area; Cubicle 005; about center; approximately five feet above floor/Normal office activities
DATE	04-14-08	04-14-08	04-14-08	04-14-08
START/STOP	14:33:00/14:38:00	14:39:00/14:44:00	14:45:00/14:50:00	15:11:00/15:16:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Arthrinium				
Ascospores				
Aureobasidium				
Basidiospores	53			
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	53	53	107	160
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Oidium				
Other brown				
Penicillium/Aspergillus types	880	293	53	
Pithomyces				
Rusts	13			
Smuts (Periconia, Myxomycetes)	67			27
Stachybotrys				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	<13	<13
Background particulates*	2+	2+	1+	1+
TOTAL**	1,066	346	160	187

P = Spores present

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TABLE 20803001-138
AIRBORNE TOTAL FUNGI RESULTS
2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 4, 14, AND 15, 2008

Results reported in spores per cubic meter of air (spores/M3)

SAMPLE NUMBER	**20804001-TM31JL**	**20804001-TM32JL**	**20804001-TM33JL**	**20804001-TM34OUTJL**
SAMPLING LOCATION/ACTIVITIES	Column K18 area; Cubicle 011; about center; approximately five feet above floor/Normal office activities	Area between Columns K19 and K20; Cubicle 020; about center; approximately five feet above floor/Normal office activities	Column J19 area; approximately five feet east of Cubicle 024; approximately five feet above floor/Normal office activities	Outdoors; approximately 20 feet east of building; approximately five feet above ground/Normal office activities
DATE	04-14-08	04-14-08	04-14-08	04-14-08
START/STOP	15:17:00/15:22:00	15:24:00/15:29:00	14:30:00/14:35:00	15:44:00/15:49:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				13
Arthrinium				
Ascospores				
Aureobasidium				
Basidiospores		53	160	267
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium			53	2,130
Curvularia				13
Epicoccum				
Myrothecium				
Nigrospora				
Oidium				13
Other brown				
Penicillium/Aspergillus types		53	53	747
Pithomyces				
Rusts				13
Smuts (Periconia, Myxomycetes)		13		200
Stachybotrys				27
Torula				40
Ulocladium				
Hyphal fragments	<13	13	<13	120
Background particulates*	1+	2+	1+	3+
TOTAL**	<13	119	266	3,463

P = Spores present

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SACRAMENTO, CALIFORNIA
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Results reported in spores per cubic meter of air (spores/M3)

SAMPLE NUMBER	**20804001-TM35JL**	**20804001-TM36JL**	**20804001-TM37JL**	
SAMPLING LOCATION/ACTIVITIES	Column K22 area; Cubicle 036; southeastern corner; approximately five feet above floor/Normal office activities	Column M23 area; Cubicle 056; northwest corner; approximately five feet above floor/Normal office activities	Column M22 area; Cubicle 100; about center; approximately five feet above floor/Normal office activities	This Column intentionally left blank
DATE	04-15-08	04-15-08	04-15-08	
START/STOP	11:17:00/11:22:00	11:25:00/11:30:00	11:31:00/11:36:00	
SAMPLE TIME	5 minutes	5 minutes	5 minutes	
Alternaria				
Arthrinium				
Ascospores				
Aureobasidium				
Basidiospores	160		P	
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium		210	100	
Curvularia				
Epicoccum				
Nigrospora				
Oidium				
Other brown				
Penicillium/Aspergillus types	P			
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)	P	P	P	
Stachybotrys				
Torula				
Ulocladium				
Unidentified mitosporic fungi	P	52	P	
Hyphal fragments				
Background particulates*	Moderate	Moderate	Light	
TOTAL**	160	260	100	

P = Spores present

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AIRBORNE TOTAL FUNGI RESULTS
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SACRAMENTO, CALIFORNIA
APRIL 14, 2008

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**20804001-VM01OUTJL**	**20804001-VM02JL**	**20804001-VM03JL**	**20804001-VM04JL**
SAMPLING LOCATION/ACTIVITIES	Outdoor; about 20 feet east of building; approximately five feet above ground/Normal outdoor activities	Room 208; about center; approximately five feet above floor/Sampling activities only	Column J23 area; Cubicle 81; about center; approximately five feet above floor/Normal office activities	Column L23 area; Cubicle 55; about center; approximately five feet above floor/Normal office activities
START/STOP	13:20:00/13:22:00	13:42:00/13:44:00	13:53:00/13:55:00	14:07:00/14:09:00
SAMPLE TIME	2 minutes	2 minutes	2 minutes	2 minutes
Acremonium				
Alternaria	18			
Aphanocladium				
Arthrospore-former		18		
Aspergillus fumigatus				
Aspergillus nidulans				
Aspergillus niger				
Aspergillus versicolor				
Aureobasidium				
Botrytis				
Chaetomium	18			
Cladosporium	1,150		18	18
Curvularia				
Epicoccum				
Nigrospora				
Memnoniella				
Myrothecium				
Non-sporulating fungi	35			
Others				
Paecilomyces				
Penicillium				
Stachybotrys				
Torula herbarum				
Trichoderma				
Ulocladium				
Yeasts	18			
TOTAL	1,239	18	18	18

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AIRBORNE TOTAL FUNGI RESULTS
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SACRAMENTO, CALIFORNIA
APRIL 14, 2008

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**20804001-VM05JL**	**20804001-VM06JL**	**20804001-VM07JL**	**20804001-VM08JL**
SAMPLING LOCATION/ACTIVITIES	Column N22 area; Cubicle 037; about center; approximately five feet above floor/Normal office activities	Column N21 area; Cubicle 106; about center; approximately five feet above floor/Normal office activities	Column N20 area; Cubicle 110; about center; approximately five feet above floor/Normal office activities	Column M18 area; Cubicle 005; about center; approximately five feet above floor/Normal office activities
START/STOP	14:18:00/14:20:00	14:30:00/14:32:00	14:41:00/14:43:00	15:13:00/15:15:00
SAMPLE TIME	2 minutes	2 minutes	2 minutes	2 minutes
Acremonium				
Alternaria			18	
Aphanocladium				
Arthrospore former				
Aspergillus fumigatus				
Aspergillus nidulans				
Aspergillus niger				
Aspergillus versicolor				
Aureobasidium				
Botrytis				
Chaetomium				
Cladosporium			35	18
Curvularia				
Epicoccum				
Nigrospora				
Memnoniella				
Myrothecium				
Non-sporulating fungi				
Others				
Paecilomyces				
Penicillium	18	35		
Stachybotrys				
Torula herbarum				
Trichoderma				
Ulocladium				
Yeasts		18		
TOTAL	18	53	53	18

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AIRBORNE TOTAL FUNGI RESULTS
2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 14, 2008

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**20804001-VM09JL**	**20804001-VM10OUTJL**		
SAMPLING LOCATION/ACTIVITIES	Area between Columns K19 and K20; Cubicle 20; about center; approximately five feet above floor/Normal office activities	Outdoors; about 20 feet east of building; approximately five feet above ground/Normal outdoor activities	This column intentionally left blank	This column intentionally left blank
START/STOP	15:25:00/15:27:00	15:47:00/15:49:00		
SAMPLE TIME	2 minutes	2 minutes		
Acremonium				
Alternaria		18		
Aphanocladium		18		
Arthrospore former				
Aspergillus fumigatus	18			
Aspergillus nidulans		18		
Aspergillus niger		18		
Aspergillus versicolor				
Aureobasidium		35		
Botrytis				
Chaetomium				
Cladosporium	18	1,380		
Curvularia				
Epicoccum				
Nigrospora				
Memnoniella				
Myrothecium				
Non-sporulating fungi	18			
Others				
Paecilomyces				
Penicillium	18	53		
Stachybotrys				
Torula herbarum				
Trichoderma				
Ulocladium				
Yeasts	18	53		
TOTAL	90	1,593		

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TABLE 20803001-140
SURFACE FUNGAL GROWTH POTENTIALS
2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 4, 2008

SAMPLE NUMBER	SAMPLING LOCATION	AMORPHOUS DEBRIS	MISCELLANEOUS FUNGI/POLLEN*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
20804001-TL01JL	Column K22 area; Cubicle 30; eastern cubicle partition; about center; from top horizontal surface	Light dander Very light fibers Very light particulates	Trace	None	Trace *Epicoccum*[1]	Background
20804001-TL02JL	Column K22 area; Cubicle 36; western cubicle partition; about center; from top horizontal surface	Moderate dander Moderate fibers Moderate particulates Very light insect parts	Trace	None	Trace *Cladosporium* Trace *Curvularia* Trace *Epicoccum* Trace *Oidium*[1]	Background
20804001-TL03JL	Area between Column K23 and J23; Cubicle 81; northern cubicle partition; about center; from top horizontal surface	Light dander Light particulates Very light fibers	Trace	None	None	Background
20804001-TL04JL	Room 207; eastern cubicle partition cabinetry; about center; from top horizontal surface	Light dander Light fibers Very light particulates	Trace	None	None	Background
20804001-TL05JL	Column M22 area; Cubicle 57; southern cubicle partition; about center; from top horizontal surface	Light dander Light particulates Very light fibers	Trace	None	Trace *Cladosporium*	Background

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

**Quantities of fungi are graded (from least to greatest) as <1+ to 4+ or as none, trace, few, numerous, and massive.

[1] Single spore observed.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

TABLE 20803001-140
SURFACE FUNGAL GROWTH POTENTIALS
2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 4, 2008

SAMPLE NUMBER	SAMPLING LOCATION	AMORPHOUS DEBRIS	MISCELLANEOUS FUNGI/POLLEN*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
20804001-TL06JL	Column N22 area; Cubicle 042; western cubicle partition; about center; from top horizontal surface	Light dander Very light fibers Very light particulates	Trace	None	None	Background
20804001-TL07JL	Column N22 area; Cubicle 143; southern cubicle partition; about center; from top horizontal surface	Very light dander Very light fibers Very light particulates	None	None	None	Background
20804001-TL08JL	Area between Columns N21 and N22; Cubicle 103; western cubicle partition; about center; from top horizontal surface	Light dander Very light fibers Very light particulates	Trace	None	None	Background
20804001-TL09JL	Column N21 area; Cubicle 141; eastern cubicle partition; about center; from top horizontal surface	Very light dander Very light fibers Very light particulates	Trace	None	Trace *Penicillium/ Aspergillus* types	Background
20804001-TL10JL	Column N21 area; Cubicle 139; eastern cubicle partition; about center; from top horizontal surface	Light dander Light fibers Light particulates	Trace	None	Trace *Penicillium/ Aspergillus* types	Background

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

**Quantities of fungi are graded (from least to greatest) as <1+ to 4+ or as none, trace, few, numerous, and massive.

[1] Single spore observed.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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450 N Street
Sacramento, California 94279

TABLE 20803001-140
SURFACE FUNGAL GROWTH POTENTIALS
2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 4, 2008

SAMPLE NUMBER	SAMPLING LOCATION	AMORPHOUS DEBRIS	MISCELLANEOUS FUNGI/POLLEN*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
20804001-TL11JL	Column N20 area; Cubicle 111; eastern cubicle partition; about center; from top horizontal surface	Very light dander Very light fibers Very light particulates	Trace	None	Trace *Penicillium/ Aspergillus* types[1]	Background
20804001-TL12JL	Column N19 area; Cubicle 133; eastern cubicle partition; about center; from top horizontal surface	Moderate dander Light fibers Very light particulates	Trace	None	Trace *Cladosporium* Trace *Penicillium/ Aspergillus* types	Background
20804001-TL13JL	Area between Columns N18 and N19; Cubicle 122; eastern cubicle partition; about center; from top horizontal surface	Very light dander Very light fibers Very light particulates	Trace	None	Trace *Penicillium/ Aspergillus* types[1]	Background
20804001-TL14JL	Column N18 area; Cubicle 001; southern cubicle partition; about center; from top horizontal surface	Very light dander Very light fibers Very light particulates	None	None	None	Background
20804001-TL15JL	Area between Columns L18 and M18; Cubicle 006; northern cubicle partition; about center; from top horizontal surface of plastic	Very light dander Very light fibers Very light particulates	Trace	None	Trace *Cladosporium*[1]	Background

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

**Quantities of fungi are graded (from least to greatest) as <1+ to 4+ or as none, trace, few, numerous, and massive.

[1] Single spore observed.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

TABLE 20803001-140
SURFACE FUNGAL GROWTH POTENTIALS
2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 4, 2008

SAMPLE NUMBER	SAMPLING LOCATION	AMORPHOUS DEBRIS	MISCELLANEOUS FUNGI/POLLEN*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
20804001-TL16JL	Column K18 area; Cubicle 011; southern cubicle partition; about center; from top horizontal surface	Very light dander Very light fibers Very light particulates	Trace	None	None	Background
20804001-TL17JL	Column K18 area; Cubicle 016; northern cubicle partition; about center; from top horizontal surface	Very light dander Very light fibers Very light particulates	Trace	None	Trace *Cladosporium*[1]	Background
20804001-TL18JL	Area between Columns K19 and K20; Cubicle 20; southern cubicle partition; about center; from top horizontal surface	Light dander Light particulates Very light fibers	Trace	None	Trace *Penicillium/ Aspergillus* types	Background
20804001-TL19JL	Area between Columns K19 and K20; Cubicle 26; southern cubicle partition; about center; from top horizontal surface	Light dander Light particulates Light fibers	Trace	None	*Trace Cladosporium* *Trace Penicillium/ Aspergillus* types Trace unidentified mitosporic fungi	Background

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

**Quantities of fungi are graded (from least to greatest) as <1+ to 4+ or as none, trace, few, numerous, and massive.

[1] Single spore observed.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

TABLE 20803001-140
SURFACE FUNGAL GROWTH POTENTIALS
2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 4, 2008

SAMPLE NUMBER	SAMPLING LOCATION	AMORPHOUS DEBRIS	MISCELLANEOUS FUNGI/POLLEN*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
20804001-TL20JL	Room 208; Computer 17; monitor; about center; from top horizontal surface	Moderate dander Moderate fibers Light particulates	Trace	None	Trace *Bipolaris/ Drechslera* group[1] Trace *Cladosporium* Trace *Penicillium/ Aspergillus* types Trace *Torula*[1] Trace *Ulocladium*[1]	Background
20804001-S01JL	Column K23 area; about five feet east of Cubicle 81; ceiling; from reverse side of HVAC supply air register	Moderate	Few	None	None	Background
20804001-S02JL	Column L23 area; approximately three feet south of Cubicle 55; ceiling; from reverse side of HVAC supply air register	Heavy	Few	None	Many *Ulocladium* spores detected	Possible settling from unknown sources
20804001-S03JL	Column N22 area; Cubicle 37; about center; ceiling; from reverse side of HVAC supply air register	Heavy	Few	None	Many *Ulocladium* and *Cladosporium* spores detected	Possible settling from unknown sources
20804001-S04JL	Column N20 area; about two feet west of Cubicle 110; ceiling; from reverse side of HVAC supply air register	Heavy	Few	None	Many *Ulocladium* and colorless spores typical of *Penicillium/ Aspergillus* detected	Possible settling from unknown sources

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

**Quantities of fungi are graded (from least to greatest) as <1+ to 4+ or as none, trace, few, numerous, and massive.

[1] Single spore observed.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

TABLE 20803001-140
SURFACE FUNGAL GROWTH POTENTIALS
2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 4, 2008

SAMPLE NUMBER	SAMPLING LOCATION	AMORPHOUS DEBRIS	MISCELLANEOUS FUNGI/POLLEN*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
20804001-S05JL	Column N19 area; about two feet east of Cubicle 120; ceiling; from reverse side of HVAC supply air register	Heavy	Few	None	Many colorless spores typical of *Penicillium/ Aspergillus* detected	Possible settling from unknown sources
20804001-S06JL	Column L18 area; Cubicle 007; about center; ceiling; from reverse side of HVAC supply air register	Heavy	Few	None	Many colorless spores typical of *Penicillium/ Aspergillus* detected	Possible settling from unknown sources
20804001-S07JL	Column K19 area; about three feet east of Cubicle 20; ceiling; from reverse side of HVAC supply air register	Moderate	Few	None	None	Background
20804001-S08JL	Room 208; about center; ceiling; from reverse side of HVAC supply air register	Heavy	Few	None	Many *Alternaria* spores detected	Possible settling from unknown sources

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

**Quantities of fungi are graded (from least to greatest) as <1+ to 4+ or as none, trace, few, numerous, and massive.

[1] Single spore observed.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

TABLE 20803001-141
AIRBORNE FIBERS RESULTS
2ND FLOOR
SACRAMENTO, CALIFORNIA
MARCH 28, 2008

NAME/ REFERENCE	LOCATION/ ACTIVITIES	PPE USED	SAMPLE NUMBER	START/ STOP	SAMPLE TIME	CONTAMINANT	RESULTS (f/cc)	PEL (f/cc)
Area Sample	Column K22 area; Cubicle 030; about center; approximately six feet above floor/Normal office activities	N/A	20803001-F17JL	9:02/ 16:48	466 minutes	Fibers	**0.008**	0.1
Area Sample	Column K19 area; about two feet west of Cubicle 021; approximately six feet above floor/Normal office activities	N/A	20803001-F18JL	9:05/ 16:57	472 minutes	Fibers	**0.007**	0.1
Area Sample	Room 208; about center; approximately six feet above floor/Normal office activities	N/A	20803001-F19JL	9:08/ 16:58	470 minutes	Fibers	**0.012**	0.1
Area Sample	Column L18 area; about three feet west of Cubicle 007; approximately six feet above floor/Normal office activities	N/A	20803001-F20JL	9:09/ 17:01	472 minutes	Fibers	**0.011**	0.1
Area Sample	Area between Columns N18 and N19; Cubicle 122; about center; approximately six feet above floor/Normal office activities	N/A	20803001-F21JL	9:11/ 17:02	471 minutes	Fibers	**0.008**	0.1
Area Sample	Area between Columns N20 and N21 area; Cubicle 109; about center; approximately six feet above floor/Normal office activities	N/A	20803001-F22JL	9:14/ 17:05	471 minutes	Fibers	**0.007**	0.1
Area Sample	Area between Columns M22 and M23 area; Cubicle 056; about center; approximately five feet above floor/Normal office activities	N/A	20803001-F23JL	9:15/ 17:06	471 minutes	Fibers	**0.007**	0.1
Blank	N/A	N/A	20803001-F24BLANKJL	N/A	N/A	Fibers	All data blank corrected	N/A

LEGEND

PPE: Personal protective equipment
N/A: Not applicable
PEL: Cal-OSHA 8-hour time-weighted average permissible exposure limit
<: Less than
f/cc: Fibers per cubic centimeter of air

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

TABLE 20803001-142
AIRBORNE TOTAL DUST RESULTS
2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 4, 2008

NAME/ REFERENCE	LOCATION/ ACTIVITIES	PPE USED	SAMPLE NUMBER	START/ STOP	SAMPLE TIME	CONTAMINANT	RESULTS (mg/M^3)	PEL (mg/M^3)
Area Sample	Column K23 area; about five feet south of Cubicle 043; approximately six feet above floor/Normal office activities	N/A	20804001-TD17JL	9:50/ 14:51	301 minutes	Total dust	**<0.17**	10
Area Sample	Column N22 area; about two feet north of Cubicle 037; approximately six feet above floor/Normal office activities	N/A	20804001-TD18JL	9:55/ 14:53	298 minutes	Total dust	**<0.17**	10
Area Sample	Area between Columns N20 and N21; about five feet south of Cubicle 138; approximately six feet above floor/Normal office activities	N/A	20804001-TD19JL	9:58/ 14:57	299 minutes	Total dust	**<0.17**	10
Area Sample	Area between Columns N18 and N19; about six feet south of Cubicle 130; ;approximately six feet above floor/Normal office activities	N/A	20804001-TD20JL	10:01/ 15:00	299 minutes	Total dust	**<0.17**	10
Area Sample	Column L18 area; about five feet west of Cubicle 007; approximately six feet above floor/Normal office activities	N/A	20804001-TD21JL	10:04/ 15:02	298 minutes	Total dust	**<0.17**	10
Area Sample	Area between Columns K19 and K20 area; about six feet east of Cubicle 026; approximately six feet above floor/Normal office activities	N/A	20804001-TD22JL	10:06/ 15:04	298 minutes	Total dust	**<0.17**	10
Area Sample	Room 208; about center; approximately six feet above floor/Normal office activities	N/A	20804001-TD23JL	10:09/ 15:06	297 minutes	Total dust	**<0.17**	10
Blank	N/A	N/A	20804001-TD24BLANKJL	N/A	N/A	Total dust	All data blank corrected	N/A

LEGEND

PPE: Personal protective equipment
N/A: Not applicable
PEL: Cal-OSHA 8-hour time-weighted average permissible exposure limit

<: Less than
mg/M^3: Milligrams per cubic meter

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

TABLE 20803001-143
MICROBIAL VOLATILE ORGANIC COMPOUNDS
2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 7, 2008

NAME/ REFERENCE	LOCATION/ ACTIVITIES	PPE USED	SAMPLE NUMBER	START/ STOP	SAMPLE TIME	CONTAMINANT	RESULTS (mg/M^3)	PEL (mg/M^3)
Area Sample	Column K23 area; about three feet south of Cubicle 43; approximately six feet above floor/Normal office activities	N/A	20804001-M01JL	13:59/ 15:34	95 minutes	3-Methylfuran	**nd**	N/A
						2-Methyl-1-propanol	**nd**	N/A
						1-Butanol	**548 x10^{-6}**	300
						3-Methyl-2-butanol	**nd**	N/A
						2-Pentanol	**nd**	N/A
						3-Methyl-2-butanol	**nd**	N/A
						Methyl disulfide	**nd**	N/A
						Ethyl isobutyrate	**nd**	N/A
						2-Hexanone	**nd**	410
						2-Heptanone	**nd**	468
						5-Methyl-3-heptanone	**nd**	N/A
						1-Octen-3-ol	**nd**	N/A
						3-Octanone	**nd**	N/A
						3-Octanol	**nd**	N/A
						2-Pentylfuran	**nd**	N/A
						2-Octen-1-ol	**nd**	N/A
						2-Methoxy-3-1(methylethyl) pyrazine	**nd**	N/A
						2-Nonanone	**nd**	N/A
						Fenchone	**nd**	N/A
						2-Methyl-isoborneol	**nd**	N/A
						a-Terpineol	**nd**	N/A
						Borneol	**nd**	N/A
						Geosmin	**nd**	N/A
						Thujopsene	**nd**	N/A

LEGEND

PPE: Personal protective equipment
N/A: Not applicable
PEL: Cal-OSHA 8-hour time-weighted average permissible exposure limit

mg/M^3: Milligrams per cubic meter
nd: Not detected

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

TABLE 20803001-143
MICROBIAL VOLATILE ORGANIC COMPOUNDS
2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 7, 2008

NAME/ REFERENCE	LOCATION/ ACTIVITIES	PPE USED	SAMPLE NUMBER	START/ STOP	SAMPLE TIME	CONTAMINANT	RESULTS (mg/M^3)	PEL (mg/M^3)
Area Sample	Column N22 area; Cubicle 37; about center; approximately six feet above floor/Normal office activities	N/A	20804001-M02JL	14:02/ 15:36	94 minutes	3-Methylfuran	**nd**	N/A
						2-Methyl-1-propanol	**nd**	N/A
						1-Butanol	**530 x10^{-6}**	300
						3-Methyl-2-butanol	**nd**	N/A
						2-Pentanol	**nd**	N/A
						3-Methyl-2-butanol	**nd**	N/A
						Methyl disulfide	**nd**	N/A
						Ethyl isobutyrate	**nd**	N/A
						2-Hexanone	**nd**	410
						2-Heptanone	**nd**	468
						5-Methyl-3-heptanone	**nd**	N/A
						1-Octen-3-ol	**nd**	N/A
						3-Octanone	**nd**	N/A
						3-Octanol	**nd**	N/A
						2-Pentylfuran	**nd**	N/A
						2-Octen-1-ol	**nd**	N/A
						2-Methoxy-3-1(methylethyl) pyrazine	**nd**	N/A
						2-Nonanone	**nd**	N/A
						Fenchone	**nd**	N/A
						2-Methyl-isoborneol	**nd**	N/A
						a-Terpineol	**nd**	N/A
						Borneol	**nd**	N/A
						Geosmin	**nd**	N/A
						Thujopsene	**nd**	N/A

LEGEND

PPE: Personal protective equipment
N/A: Not applicable
PEL: Cal-OSHA 8-hour time-weighted average permissible exposure limit

mg/M^3: Milligrams per cubic meter
nd: Not detected

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

TABLE 20803001-143
MICROBIAL VOLATILE ORGANIC COMPOUNDS
2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 7, 2008

NAME/ REFERENCE	LOCATION/ ACTIVITIES	PPE USED	SAMPLE NUMBER	START/ STOP	SAMPLE TIME	CONTAMINANT	RESULTS (mg/M^3)	PEL (mg/M^3)
Area Sample	Area between Columns N18 and N19; Cubicle 122; about center; approximately six feet above floor/Normal office activities	N/A	20804001-M03JL	14:04/ 15:40	96 minutes	3-Methylfuran	**nd**	N/A
						2-Methyl-1-propanol	**nd**	N/A
						1-Butanol	**nd**	300
						3-Methyl-2-butanol	**nd**	N/A
						2-Pentanol	**nd**	N/A
						3-Methyl-2-butanol	**nd**	N/A
						Methyl disulfide	**nd**	N/A
						Ethyl isobutyrate	**nd**	N/A
						2-Hexanone	**nd**	410
						2-Heptanone	**nd**	468
						5-Methyl-3-heptanone	**nd**	N/A
						1-Octen-3-ol	**nd**	N/A
						3-Octanone	**nd**	N/A
						3-Octanol	**nd**	N/A
						2-Pentylfuran	**nd**	N/A
						2-Octen-1-ol	**nd**	N/A
						2-Methoxy-3-1(methylethyl) pyrazine	**nd**	N/A
						2-Nonanone	**nd**	N/A
						Fenchone	**nd**	N/A
						2-Methyl-isoborneol	**nd**	N/A
						a-Terpineol	**nd**	N/A
						Borneol	**nd**	N/A
						Geosmin	**nd**	N/A
						Thujopsene	**nd**	N/A

LEGEND

PPE: Personal protective equipment
N/A: Not applicable
PEL: Cal-OSHA 8-hour time-weighted average permissible exposure limit

mg/M^3: Milligrams per cubic meter
nd: Not detected

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

TABLE 20803001-143
MICROBIAL VOLATILE ORGANIC COMPOUNDS
2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 7, 2008

NAME/ REFERENCE	LOCATION/ ACTIVITIES	PPE USED	SAMPLE NUMBER	START/ STOP	SAMPLE TIME	CONTAMINANT	RESULTS (mg/M^3)	PEL (mg/M^3)
Area Sample	Area between Columns K19 and K20; about two feet east of Cubicle 20; approximately six feet above floor/Normal office activities	N/A	20804001-M04JL	14:10 15:43	93 minutes	3-Methylfuran	**nd**	N/A
						2-Methyl-1-propanol	**nd**	N/A
						1-Butanol	**525 x10^{-6}**	300
						3-Methyl-2-butanol	**nd**	N/A
						2-Pentanol	**nd**	N/A
						3-Methyl-2-butanol	**nd**	N/A
						Methyl disulfide	**nd**	N/A
						Ethyl isobutyrate	**nd**	N/A
						2-Hexanone	**nd**	410
						2-Heptanone	**nd**	468
						5-Methyl-3-heptanone	**nd**	N/A
						1-Octen-3-ol	**nd**	N/A
						3-Octanone	**nd**	N/A
						3-Octanol	**nd**	N/A
						2-Pentylfuran	**nd**	N/A
						2-Octen-1-ol	**nd**	N/A
						2-Methoxy-3-1(methylethyl) pyrazine	**nd**	N/A
						2-Nonanone	**nd**	N/A
						Fenchone	**nd**	N/A
						2-Methyl-isoborneol	**nd**	N/A
						a-Terpineol	**nd**	N/A
						Borneol	**nd**	N/A
						Geosmin	**nd**	N/A
						Thujopsene	**nd**	N/A

LEGEND

PPE: Personal protective equipment
N/A: Not applicable
PEL: Cal-OSHA 8-hour time-weighted average permissible exposure limit

mg/M^3: Milligrams per cubic meter
nd: Not detected

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

TABLE 20803001-144
DIRECT-READING RESULTS
2ND FLOOR
SACRAMENTO, CALIFORNIA
APRIL 8, 2008

LOCATION/SITE ACTIVITIES	SAMPLE TIME	CONTAMINANT	RESULTS (ppm)	COMMENTS
Column K22 area; approximately five feet above floor/Normal office activities	10:30/10:35	Volatile Organic Compounds Ozone	0.3 ND <0.05	N/A
Column K18 area; about five feet above floor/Normal office activities	10:41/10:47	Volatile Organic Compounds Ozone	0.3 ND <0.05	N/A
Column N18 area; approximately five feet above floor/Normal office activities	10:52/10:56	Volatile Organic Compounds Ozone	0.3 ND <0.05	N/A
Column N22 area; approximately five feet above floor/Normal office activities	11:01/11:07	Volatile Organic Compounds Ozone	0.3 ND <0.05	N/A

LEGEND

ND: Not detected
<: Less than
N/A: Not applicable
ppm: Parts per million

EMLab P&K

Report for:

Mr. Wes Frey
Hygiene Technologies International, Inc.: Northern California
3127 Bowen Island Street
West Sacramento, CA 95691

Regarding: Project: 20804001
EML ID: 410940

Approved by:

Lab Manager
Magzoub Ismail

Dates of Analysis:
Spore trap analysis: 04-17-2008

Project SOPs: Spore trap analysis (I100000)

EMLab P&K
3800 Watt Ave., Suite 145, Sacramento, CA 95821
(650) 829-5800 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wes Frey
Re: 20804001

Date of Sampling: 04-14-2008
Date of Receipt: 04-15-2008
Date of Report: 04-17-2008

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20804001-TM17outJL		20804001-TM18JL		20804001-TM19JL		20804001-TM20JL	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	1805509-1		1805510-1		1805511-1		1805512-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	2	27						
Arthrinium								
Ascospores*	1	53						
Aureobasidium								
Basidiospores*	6	320						
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	9	480						
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Oidium	1	13						
Other colorless								
Penicillium/Aspergillus types†	8	427	1	53	1	53	1	53
Pithomyces								
Rusts*	1	13						
Smuts*, Periconia, Myxomycetes*	9	120						
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		1+		1+		1+	
Hyphal fragments/m3	360		< 13		< 13		< 13	
Pollen/m3	107		< 13		< 13		13	
Skin cells (1-4+)	1+		2+		1+		2+	
Sample volume (liters)	75		75		75		75	
TOTAL SPORE/m3		1,453		53		53		53

Comments:

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium, Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.
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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wes Frey
Re: 20804001

Date of Sampling: 04-14-2008
Date of Receipt: 04-15-2008
Date of Report: 04-17-2008

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20804001-TM21JL		20804001-TM22JL		20804001-TM23JL		20804001-TM24JL	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	1805513-1		1805514-1		1805515-1		1805516-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*							1	53
Bipolaris/Drechslera group								
Botrytis								
Chaetomium					1	13		
Cladosporium			1	53			1	53
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Oidium							1	13
Other colorless								
Penicillium/Aspergillus types†					1	53		
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*	2	27						
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	1+		1+		1+		2+	
Hyphal fragments/m3	< 13		< 13		< 13		< 13	
Pollen/m3	13		13		27		27	
Skin cells (1-4+)	1+		2+		2+		2+	
Sample volume (liters)	75		75		75		75	
TOTAL SPORE/m3		27		53		66		119

Comments:

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium, Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.
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Date of Sampling: 04-14-2008
Date of Receipt: 04-15-2008
Date of Report: 04-17-2008

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20804001-TM25JL		20804001-TM26JL		20804001-TM27JL		20804001-TM28JL	
Comments (see below)	None		None		A		B	
Lab ID-Version‡:	1805517-1		1805518-1		1805519-1		1805520-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*			1	53	1	53		
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	1	53			1	53	1	53
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Oidium								
Other colorless								
Penicillium/Aspergillus types†	2	107	1	53	36	880	10	293
Pithomyces								
Rusts*					1	13		
Smuts*, Periconia, Myxomycetes*					5	67		
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		2+		2+		2+	
Hyphal fragments/m3	< 13		< 13		< 13		< 13	
Pollen/m3	13		< 13		53		53	
Skin cells (1-4+)	2+		2+		2+		2+	
Sample volume (liters)	75		75		75		75	
TOTAL SPORE/m3		160		106		1,066		346

Comments: A) 26 of the raw count *Penicillium/Aspergillus* type spores were present as a single clump. B) 6 of the raw count *Penicillium/Aspergillus* type spores were present as a single clump.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium, Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.
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SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20804001-TM29JL		20804001-TM30JL		20804001-TM31JL		20804001-TM32JL	
Comments (see below)	None		None		C		None	
Lab ID-Version‡:	1805521-1		1805522-1		1805523-1		1805524-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*							1	53
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	2	107	3	160				
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Oidium								
Other colorless								
Penicillium/Aspergillus types†	1	53					1	53
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*			2	27			1	13
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	1+		1+		1+		2+	
Hyphal fragments/m3	< 13		< 13		< 13		13	
Pollen/m3	< 13		27		13		40	
Skin cells (1-4+)	2+		2+		1+		2+	
Sample volume (liters)	75		75		75		75	
TOTAL SPORE/m3		160		187		< 13		119

Comments: C) No spores detected.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium, Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
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SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20804001-TM33JL		20804001-TM34outJL	
Comments (see below)	None		None	
Lab ID-Version‡:	1805525-1		1805526-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			1	13
Arthrinium				
Ascospores*				
Aureobasidium				
Basidiospores*	3	160	5	267
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	1	53	40	2,130
Curvularia			1	13
Epicoccum				
Fusarium				
Myrothecium				
Nigrospora				
Oidium			1	13
Other colorless				
Penicillium/Aspergillus types†	1	53	14	747
Pithomyces				
Rusts*			1	13
Smuts*, Periconia, Myxomycetes*			15	200
Stachybotrys			2	27
Stemphylium				
Torula			3	40
Ulocladium				
Zygomycetes				
Background debris (1-4+)††	1+		3+	
Hyphal fragments/m3	< 13		120	
Pollen/m3	13		27	
Skin cells (1-4+)	1+		1+	
Sample volume (liters)	75		75	
TOTAL SPORE/m3		266		3,463

Comments:

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium, Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.
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MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 20804001-TM17outJL

Fungi Identified	Outdoor data	Typical Outdoor Data by Date† Month: April				Typical Outdoor Data by Location‡ State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	27	7	27	230	49	7	27	230	60
Bipolaris/Drechslera group	-	7	13	130	13	7	13	120	14
Chaetomium	-	7	13	130	13	7	13	110	19
Cladosporium	480	27	370	4,200	93	53	640	6,500	98
Curvularia	-	7	13	210	7	7	13	210	7
Nigrospora	-	7	13	93	7	7	13	170	8
Penicillium/Aspergillus types	427	27	160	1,500	79	40	210	2,500	88
Stachybotrys	-	7	13	480	3	7	13	310	5
Torula	-	7	13	160	12	7	13	150	13
Seldom found growing indoors**									
Ascospores	53	13	110	2,500	75	13	110	1,800	73
Basidiospores	320	13	210	5,200	91	13	250	6,800	95
Oidium	13	7	20	230	22	7	13	190	20
Rusts	13	7	20	250	24	7	13	270	29
Smuts, Periconia, Myxomycetes	120	7	33	410	62	8	40	470	71
TOTAL SPORES/M3	1,453								

† The Typical Outdoor Data by Date represents the typical outdoor spore levels across North America for the month indicated. The last column represents the frequency of occurrence. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 2.5% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

‡ The Typical Outdoor Data by Location represents the typical outdoor spore levels for the region indicated for the entire year. As with the Typical Outdoor Data by Date, the four columns represent the frequency of occurrence and the typical low, medium, and high concentration values for the spore type indicated. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

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MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 20804001-TM34outJL

Fungi Identified	Outdoor data	Typical Outdoor Data by Date† Month: April				Typical Outdoor Data by Location‡ State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	13	7	27	230	49	7	27	230	60
Bipolaris/Drechslera group	-	7	13	130	13	7	13	120	14
Chaetomium	-	7	13	130	13	7	13	110	19
Cladosporium	2,130	27	370	4,200	93	53	640	6,500	98
Curvularia	13	7	13	210	7	7	13	210	7
Nigrospora	-	7	13	93	7	7	13	170	8
Penicillium/Aspergillus types	747	27	160	1,500	79	40	210	2,500	88
Stachybotrys	27	7	13	480	3	7	13	310	5
Torula	40	7	13	160	12	7	13	150	13
Seldom found growing indoors**									
Ascospores	-	13	110	2,500	75	13	110	1,800	73
Basidiospores	267	13	210	5,200	91	13	250	6,800	95
Oidium	13	7	20	230	22	7	13	190	20
Rusts	13	7	20	250	24	7	13	270	29
Smuts, Periconia, Myxomycetes	200	7	33	410	62	8	40	470	71
TOTAL SPORES/M3	3,463								

† The Typical Outdoor Data by Date represents the typical outdoor spore levels across North America for the month indicated. The last column represents the frequency of occurrence. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 2.5% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

‡ The Typical Outdoor Data by Location represents the typical outdoor spore levels for the region indicated for the entire year. As with the Typical Outdoor Data by Date, the four columns represent the frequency of occurrence and the typical low, medium, and high concentration values for the spore type indicated. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

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**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 20804001-TM17outJL:

Species detected	Outdoor sample spores/m3 <100 1K 10K >100K	Typical outdoor ranges (North America)	Freq. %
Alternaria	27	7 - 27 - 380	54
Ascospores	53	13 - 150 - 4,200	75
Basidiospores	320	13 - 320 - 14,000	92
Cladosporium	480	38 - 530 - 8,400	94
Oidium	13	7 - 13 - 220	15
Penicillium/Aspergillus types	427	27 - 210 - 2,500	85
Rusts	13	7 - 13 - 310	23
Smuts, Periconia, Myxomycetes	120	7 - 40 - 750	70
Total	1,453		

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

Indoor Samples

Location: 20804001-TM18JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 3%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.2222	dF: 8 Result: 0.5774 Critical value: 0.6190 Outside Similar: No	Score: 107 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Penicillium/Aspergillus types	53
Total	53

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20804001-TM19JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 3%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.2222	dF: 8 Result: 0.5774 Critical value: 0.6190 Outside Similar: No	Score: 107 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Penicillium/Aspergillus types	53
Total	53

Location: 20804001-TM20JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 3%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.2222	dF: 8 Result: 0.5774 Critical value: 0.6190 Outside Similar: No	Score: 107 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Penicillium/Aspergillus types	53
Total	53

Location: 20804001-TM21JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.2222	dF: 8 Result: 0.3869 Critical value: 0.6190 Outside Similar: No	Score: 105 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Smuts, Periconia, Myxomycetes	27
Total	27

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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wes Frey
Re: 20804001

Date of Sampling: 04-14-2008
Date of Receipt: 04-15-2008
Date of Report: 04-17-2008

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20804001-TM22JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 3%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.2222	dF: 8 Result: 0.6726 Critical value: 0.6190 Outside Similar: Yes	Score: 103 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Cladosporium	53
Total	53

Location: 20804001-TM23JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 4%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.2000	dF: 9 Result: 0.2208 Critical value: 0.5833 Outside Similar: No	Score: 121 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Chaetomium	13
Penicillium/Aspergillus types	53
Total	66

Location: 20804001-TM24JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 8%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.5455	dF: 8 Result: 0.4524 Critical value: 0.6190 Outside Similar: No	Score: 104 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	53
Cladosporium	53
Oidium	13
Total	119

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Re: 20804001

Date of Sampling: 04-14-2008
Date of Receipt: 04-15-2008
Date of Report: 04-17-2008

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20804001-TM25JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 11%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.4000	dF: 8 Result: 0.7738 Critical value: 0.6190 Outside Similar: Yes	Score: 112 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	53
Penicillium/Aspergillus types	107
Total	160

Location: 20804001-TM26JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 7%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.4000	dF: 8 Result: 0.6012 Critical value: 0.6190 Outside Similar: No	Score: 105 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Penicillium/Aspergillus types	53
Total	106

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Date of Report: 04-17-2008

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20804001-TM27JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 73%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.7692	dF: 8 Result: 0.7262 Critical value: 0.6190 Outside Similar: Yes	Score: 197 Result: Medium

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Cladosporium	53
Penicillium/Aspergillus types	880
Rusts	13
Smuts, Periconia, Myxomycetes	67
Total	1,066

Location: 20804001-TM28JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 23%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.4000	dF: 8 Result: 0.7738 Critical value: 0.6190 Outside Similar: Yes	Score: 135 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	53
Penicillium/Aspergillus types	293
Total	346

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Date of Report: 04-17-2008

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20804001-TM29JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 11%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.4000	dF: 8 Result: 0.7976 Critical value: 0.6190 Outside Similar: Yes	Score: 104 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	107
Penicillium/Aspergillus types	53
Total	160

Location: 20804001-TM30JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 12%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.4000	dF: 8 Result: 0.6310 Critical value: 0.6190 Outside Similar: Yes	Score: 107 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	160
Smuts, Periconia, Myxomycetes	27
Total	187

Location: 20804001-TM31JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
None Detected	N/A

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Date of Report: 04-17-2008

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20804001-TM32JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 8%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.5455	dF: 8 Result: 0.5952 Critical value: 0.6190 Outside Similar: No	Score: 104 Result: Low

Species Detected	Spores/m3 <100	1K	10K	>100K
Basidiospores				53
Penicillium/Aspergillus types				53
Smuts, Periconia, Myxomycetes				13
Total				119

Location: 20804001-TM33JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 18%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.5455	dF: 8 Result: 0.8095 Critical value: 0.6190 Outside Similar: Yes	Score: 112 Result: Low

Species Detected	Spores/m3 <100	1K	10K	>100K
Basidiospores				160
Cladosporium				53
Penicillium/Aspergillus types				53
Total				266

* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

** An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

*** The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

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MoldSTAT™: Supplementary Statistical Spore Trap Report

**** MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&Kreserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 20804001-TM34outJL:

Species detected	Outdoor sample spores/m3 (<100 / 1K / 10K / >100K)	Typical outdoor ranges (North America)	Freq. %
Alternaria	13	7 - 27 - 380	54
Ascospores	ND	13 - 150 - 4,200	75
Basidiospores	267	13 - 320 - 14,000	92
Cladosporium	2,130	38 - 530 - 8,400	94
Curvularia	13	7 - 22 - 640	16
Oidium	13	7 - 13 - 220	15
Penicillium/Aspergillus types	747	27 - 210 - 2,500	85
Rusts	13	7 - 13 - 310	23
Smuts, Periconia, Myxomycetes	200	7 - 40 - 750	70
Stachybotrys	27	7 - 13 - 350	3
Torula	40	7 - 13 - 160	12
Total	3,463		

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

Indoor Samples

Location: 20804001-TM18JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.1818	dF: 10 Result: 0.6061 Critical value: 0.5515 Outside Similar: Yes	Score: 107 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Penicillium/Aspergillus types	53
Total	53

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20804001-TM19JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.1818	dF: 10 Result: 0.6061 Critical value: 0.5515 Outside Similar: Yes	Score: 107 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Penicillium/Aspergillus types	53
Total	53

Location: 20804001-TM20JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.1818	dF: 10 Result: 0.6061 Critical value: 0.5515 Outside Similar: Yes	Score: 107 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Penicillium/Aspergillus types	53
Total	53

Location: 20804001-TM21JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.1818	dF: 10 Result: 0.4848 Critical value: 0.5515 Outside Similar: No	Score: 105 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Smuts, Periconia, Myxomycetes	27
Total	27

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20804001-TM22JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.1818	dF: 10 Result: 0.6667 Critical value: 0.5515 Outside Similar: Yes	Score: 101 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Cladosporium	53
Total	53

Location: 20804001-TM23JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.1667	dF: 11 Result: 0.2864 Critical value: 0.5273 Outside Similar: No	Score: 121 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Chaetomium	13
Penicillium/Aspergillus types	53
Total	66

Location: 20804001-TM24JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 3%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.4615	dF: 10 Result: 0.5242 Critical value: 0.5515 Outside Similar: No	Score: 105 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	53
Cladosporium	53
Oidium	13
Total	119

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20804001-TM25JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 4%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.3333	dF: 10 Result: 0.7636 Critical value: 0.5515 Outside Similar: Yes	Score: 111 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	53
Penicillium/Aspergillus types	107
Total	160

Location: 20804001-TM26JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 3%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.3333	dF: 10 Result: 0.6515 Critical value: 0.5515 Outside Similar: Yes	Score: 105 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Penicillium/Aspergillus types	53
Total	106

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Location: 20804001-TM27JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 30%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.6667	dF: 10 Result: 0.7727 Critical value: 0.5515 Outside Similar: Yes	Score: 197 Result: Medium

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Cladosporium	53
Penicillium/Aspergillus types	880
Rusts	13
Smuts, Periconia, Myxomycetes	67
Total	1,066

Location: 20804001-TM28JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 9%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.3333	dF: 10 Result: 0.7636 Critical value: 0.5515 Outside Similar: Yes	Score: 135 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	53
Penicillium/Aspergillus types	293
Total	346

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Location: 20804001-TM29JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 4%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.3333	dF: 10 Result: 0.7758 Critical value: 0.5515 Outside Similar: Yes	Score: 103 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	107
Penicillium/Aspergillus types	53
Total	160

Location: 20804001-TM30JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 5%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.3333	dF: 10 Result: 0.6667 Critical value: 0.5515 Outside Similar: Yes	Score: 103 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	160
Smuts, Periconia, Myxomycetes	27
Total	187

Location: 20804001-TM31JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
None Detected	N/A

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20804001-TM32JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 3%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.4615	dF: 10 Result: 0.6758 Critical value: 0.5515 Outside Similar: Yes	Score: 105 Result: Low

Species Detected	Spores/m3 <100	1K	10K	>100K
Basidiospores				53
Penicillium/Aspergillus types				53
Smuts, Periconia, Myxomycetes				13
Total				119

Location: 20804001-TM33JL

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 7%	dF: 15 Result: 10.4622 Critical value: 24.9958 Inside Similar: Yes	Result: 0.4615	dF: 10 Result: 0.8212 Critical value: 0.5515 Outside Similar: Yes	Score: 115 Result: Low

Species Detected	Spores/m3 <100	1K	10K	>100K
Basidiospores				160
Cladosporium				53
Penicillium/Aspergillus types				53
Total				266

* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

** An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

*** The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

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Re: 20804001

Date of Sampling: 04-14-2008
Date of Receipt: 04-15-2008
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MoldSTAT™: Supplementary Statistical Spore Trap Report

**** MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&Kreserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

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MoldSCORE™: Spore Trap Report

Outdoor Sample: 20804001-TM17outJL

Fungi Identified	Outdoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		2	27
Bipolaris/Drechslera group		ND	< 13
Chaetomium		ND	< 13
Cladosporium		9	480
Curvularia		ND	< 13
Nigrospora		ND	< 13
Penicillium/Aspergillus types†		8	427
Stachybotrys		ND	< 13
Torula		ND	< 13
Seldom found growing indoors**			
Ascospores††		1	53
Basidiospores††		6	320
Oidium		1	13
Rusts		1	13
Smuts, Periconia, Myxomycetes††		9	120
Total			**1,453**

Location: 20804001-TM18JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		107
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**107**

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MoldSCORE™: Spore Trap Report

Location: 20804001-TM19JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		107
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**107**

Location: 20804001-TM20JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		107
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**107**

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MoldSCORE™: Spore Trap Report

Location: 20804001-TM21JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		2	27		105
Total			**27**	**Final MoldSCORE**	**105**

Location: 20804001-TM22JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		103
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**103**

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MoldSCORE™: Spore Trap Report

Location: 20804001-TM23JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		1	13		121
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		106
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**66**	**Final MoldSCORE**	**121**

Location: 20804001-TM24JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		102
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		104
Oidium		1	13		105
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**119**	**Final MoldSCORE**	**104**

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MoldSCORE™: Spore Trap Report

Location: 20804001-TM25JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		101
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		2	107		112
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**160**	**Final MoldSCORE**	**112**

Location: 20804001-TM26JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		105
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		104
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**106**	**Final MoldSCORE**	**105**

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MoldSCORE™: Spore Trap Report

Location: 20804001-TM27JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		36	880		197
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		100
Rusts		1	13		102
Smuts, Periconia, Myxomycetes††		5	67		101
Total			**1,066**	**Final MoldSCORE**	**197**

Location: 20804001-TM28JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		10	293		135
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**346**	**Final MoldSCORE**	**135**

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MoldSCORE™: Spore Trap Report

Location: 20804001-TM29JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		2	107		104
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		103
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**160**	**Final MoldSCORE**	**104**

Location: 20804001-TM30JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		3	160		107
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		2	27		103
Total			**187**	**Final MoldSCORE**	**107**

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MoldSCORE™: Spore Trap Report

Location: 20804001-TM31JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

Location: 20804001-TM32JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		104
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		104
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		101
Total			**119**	**Final MoldSCORE**	**104**

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MoldSCORE™: Spore Trap Report

Location: 20804001-TM33JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		3	160		112
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**266**	**Final MoldSCORE**	**112**

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of Aspergillus and Penicillium (and others such as Acremonium, Paecilomyces) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

††Most of these spore types are not seen with culturable methods (Anderson sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.

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MoldSCORE™: Spore Trap Report

Outdoor Sample: 20804001-TM34outJL

Fungi Identified	Outdoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		1	13
Bipolaris/Drechslera group		ND	< 13
Chaetomium		ND	< 13
Cladosporium		40	2,130
Curvularia		1	13
Nigrospora		ND	< 13
Penicillium/Aspergillus types†		14	747
Stachybotrys		2	27
Torula		3	40
Seldom found growing indoors**			
Ascospores††		ND	< 13
Basidiospores††		5	267
Oidium		1	13
Rusts		1	13
Smuts, Periconia, Myxomycetes††		15	200
Total			**3,463**

Location: 20804001-TM18JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		107
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**107**

EMLab P&K
3800 Watt Ave., Suite 145, Sacramento, CA 95821
(650) 829-5800 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wes Frey
Re: 20804001

Date of Sampling: 04-14-2008
Date of Receipt: 04-15-2008
Date of Report: 04-17-2008

MoldSCORE™: Spore Trap Report

Location: 20804001-TM19JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		107
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**107**

Location: 20804001-TM20JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		107
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**107**

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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wes Frey
Re: 20804001

Date of Sampling: 04-14-2008
Date of Receipt: 04-15-2008
Date of Report: 04-17-2008

MoldSCORE™: Spore Trap Report

Location: 20804001-TM21JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		2	27		105
Total			**27**	**Final MoldSCORE**	**105**

Location: 20804001-TM22JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		101
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**101**

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Client: Hygiene Technologies International, Inc.: Northern California
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Re: 20804001

Date of Sampling: 04-14-2008
Date of Receipt: 04-15-2008
Date of Report: 04-17-2008

MoldSCORE™: Spore Trap Report

Location: 20804001-TM23JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		1	13		121
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		106
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**66**	**Final MoldSCORE**	**121**

Location: 20804001-TM24JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		105
Oidium		1	13		105
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**119**	**Final MoldSCORE**	**105**

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Re: 20804001

Date of Sampling: 04-14-2008
Date of Receipt: 04-15-2008
Date of Report: 04-17-2008

MoldSCORE™: Spore Trap Report

Location: 20804001-TM25JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		2	107		111
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**160**	**Final MoldSCORE**	**111**

Location: 20804001-TM26JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		105
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		105
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**106**	**Final MoldSCORE**	**105**

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Re: 20804001

Date of Sampling: 04-14-2008
Date of Receipt: 04-15-2008
Date of Report: 04-17-2008

MoldSCORE™: Spore Trap Report

Location: 20804001-TM27JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		36	880		197
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		100
Rusts		1	13		104
Smuts, Periconia, Myxomycetes††		5	67		101
Total			**1,066**	**Final MoldSCORE**	**197**

Location: 20804001-TM28JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		10	293		135
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**346**	**Final MoldSCORE**	**135**

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C/O: Mr. Wes Frey
Re: 20804001

Date of Sampling: 04-14-2008
Date of Receipt: 04-15-2008
Date of Report: 04-17-2008

MoldSCORE™: Spore Trap Report

Location: 20804001-TM29JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		2	107		101
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		103
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**160**	**Final MoldSCORE**	**103**

Location: 20804001-TM30JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		3	160		103
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		2	27		103
Total			**187**	**Final MoldSCORE**	**103**

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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wes Frey
Re: 20804001

Date of Sampling: 04-14-2008
Date of Receipt: 04-15-2008
Date of Report: 04-17-2008

MoldSCORE™: Spore Trap Report

Location: 20804001-TM31JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

Location: 20804001-TM32JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		104
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		105
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		101
Total			**119**	**Final MoldSCORE**	**105**

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C/O: Mr. Wes Frey
Re: 20804001

Date of Sampling: 04-14-2008
Date of Receipt: 04-15-2008
Date of Report: 04-17-2008

MoldSCORE™: Spore Trap Report

Location: 20804001-TM33JL

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		3	160		115
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**266**	**Final MoldSCORE**	**115**

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of Aspergillus and Penicillium (and others such as Acremonium, Paecilomyces) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

††Most of these spore types are not seen with culturable methods (Anderson sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.

EMLab P&K

Report for:

Mr. Wes Frey
Hygiene Technologies International, Inc.: Northern California
3127 Bowen Island Street
West Sacramento, CA 95691

Regarding: Project: 20804001
EML ID: 410940

Approved by:

Lab Manager
Magzoub Ismail

Dates of Analysis:
Culturable air fungi (Incl. Asp spp.): 04-22-2008
Spore trap analysis: 04-17-2008

Project SOPs: Culturable air fungi (Incl. Asp spp.) (I100002), Spore trap analysis (I100000)

EMLab P&K
5473 Kearny Villa Road, Suite 130, San Diego, CA 92123
(858) 569-5800 Fax (858) 569-5806 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wes Frey
Re: 20804001

Date of Sampling: 04-14-2008
Date of Receipt: 04-15-2008
Date of Report: 04-22-2008

CULTURABLE AIR FUNGI REPORT

Location:	20804001-VM01outJL		20804001-VM02JL		20804001-VM03JL		20804001-VM04JL	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	1805499-1		1805500-1		1805501-1		1805502-1	
	raw ct.	cfu*/m3	raw ct.	cfu*/m3	raw ct.	cfu*/m3	raw ct.	cfu*/m3
Acremonium								
Alternaria	1	18						
Aphanocladium								
Arthrospore-former			1	18				
Aspergillus flavus								
Aspergillus fumigatus								
Aspergillus nidulans								
Aspergillus niger								
Aspergillus ochraceus								
Aspergillus versicolor								
Aureobasidium								
Basidiomycetes								
Bipolaris/Drechslera group								
Botrytis								
Chaetomium	1	18						
Cladosporium	60	1,150			1	18	1	18
Curvularia								
Epicoccum								
Fusarium								
Non-sporulating fungi	2	35						
Paecilomyces								
Penicillium								
Phoma								
Rhizopus								
Stachybotrys chartarum								
Ulocladium								
Yeasts	1	18						
Positive Hole	400		400		400		400	
Sample volume (liters)	56.6		56.6		56.6		56.6	
TOTAL CFU*/M3		1,239		18		18		18

* cfu = colony forming units Positive hole correction chart used for all calculations

Comments:

Note: Interpretation is left to the company and/or persons who conducted the field work. Variation is an inherent part of biological sampling. The presence or absence of a few genera in small numbers should not be considered abnormal.
NORMAL SPORE LEVELS: Indoor spore levels usually average 30 to 80% of the outdoor spore level at the time of sampling, with the same general distribution of spore types. Filtered air, air-conditioned air, or air remote from outside sources may average 5 to 15% of the outside air at the time of sampling. (These percentages are guidelines, only. A major factor is the accessibility of outdoor air. A residence with open doors and windows and heavy foot traffic may average 95% of the outdoor level while high rise office buildings with little air exchange may average 2%. Dusty interiors may exceed 100% of the outdoors to some degree, but will still mirror the outdoor distribution of spore types.)
PROBLEM INTERIORS: A substantial increase of one or two spore types which are inconsistent with and non-reflective of the outside distribution of spore types is usually indicative of an indoor reservoir of mold growth.
The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.
‡ A "Version" greater than 1 indicates amended data.

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Re: 20804001

Date of Sampling: 04-14-2008
Date of Receipt: 04-15-2008
Date of Report: 04-22-2008

CULTURABLE AIR FUNGI REPORT

Location:	20804001-VM05JL		20804001-VM06JL		20804001-VM07JL		20804001-VM08JL	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	1805503-1		1805504-1		1805505-1		1805506-1	
	raw ct.	cfu*/m3	raw ct.	cfu*/m3	raw ct.	cfu*/m3	raw ct.	cfu*/m3
Acremonium								
Alternaria					1	18		
Aphanocladium								
Arthrospore-former								
Aspergillus flavus								
Aspergillus fumigatus								
Aspergillus nidulans								
Aspergillus niger								
Aspergillus ochraceus								
Aspergillus versicolor								
Aureobasidium								
Basidiomycetes								
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium					2	35	1	18
Curvularia								
Epicoccum								
Fusarium								
Non-sporulating fungi								
Paecilomyces								
Penicillium	1	18	2	35				
Phoma								
Rhizopus								
Stachybotrys chartarum								
Ulocladium								
Yeasts			1	18				
Positive Hole	400		400		400		400	
Sample volume (liters)	56.6		56.6		56.6		56.6	
TOTAL CFU*/M3		18		53		53		18

* cfu = colony forming units Positive hole correction chart used for all calculations

Comments:

Note: Interpretation is left to the company and/or persons who conducted the field work. Variation is an inherent part of biological sampling. The presence or absence of a few genera in small numbers should not be considered abnormal.
NORMAL SPORE LEVELS: Indoor spore levels usually average 30 to 80% of the outdoor spore level at the time of sampling, with the same general distribution of spore types. Filtered air, air-conditioned air, or air remote from outside sources may average 5 to 15% of the outside air at the time of sampling. (These percentages are guidelines, only. A major factor is the accessibility of outdoor air. A residence with open doors and windows and heavy foot traffic may average 95% of the outdoor level while high rise office buildings with little air exchange may average 2%. Dusty interiors may exceed 100% of the outdoors to some degree, but will still mirror the outdoor distribution of spore types.)
PROBLEM INTERIORS: A substantial increase of one or two spore types which are inconsistent with and non-reflective of the outside distribution of spore types is usually indicative of an indoor reservoir of mold growth.
The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.
‡ A "Version" greater than 1 indicates amended data.

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Re: 20804001

Date of Sampling: 04-14-2008
Date of Receipt: 04-15-2008
Date of Report: 04-22-2008

CULTURABLE AIR FUNGI REPORT

Location:	20804001-VM09JL		20804001-VM10outJL	
Comments (see below)	None		None	
Lab ID-Version‡:	1805507-1		1805508-1	
	raw ct.	cfu*/m3	raw ct.	cfu*/m3
Acremonium				
Alternaria			1	18
Aphanocladium			1	18
Arthrospore-former				
Aspergillus flavus				
Aspergillus fumigatus	1	18		
Aspergillus nidulans			1	18
Aspergillus niger			1	18
Aspergillus ochraceus				
Aspergillus versicolor				
Aureobasidium			2	35
Basidiomycetes				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	1	18	71	1,380
Curvularia				
Epicoccum				
Fusarium				
Non-sporulating fungi	1	18		
Paecilomyces				
Penicillium	1	18	3	53
Phoma				
Rhizopus				
Stachybotrys chartarum				
Ulocladium				
Yeasts	1	18	3	53
Positive Hole	400		400	
Sample volume (liters)	56.6		56.6	
TOTAL CFU*/M3		90		1,593

* cfu = colony forming units Positive hole correction chart used for all calculations

Comments:

Note: Interpretation is left to the company and/or persons who conducted the field work. Variation is an inherent part of biological sampling. The presence or absence of a few genera in small numbers should not be considered abnormal.
NORMAL SPORE LEVELS: Indoor spore levels usually average 30 to 80% of the outdoor spore level at the time of sampling, with the same general distribution of spore types. Filtered air, air-conditioned air, or air remote from outside sources may average 5 to 15% of the outside air at the time of sampling. (These percentages are guidelines, only. A major factor is the accessibility of outdoor air. A residence with open doors and windows and heavy foot traffic may average 95% of the outdoor level while high rise office buildings with little air exchange may average 2%. Dusty interiors may exceed 100% of the outdoors to some degree, but will still mirror the outdoor distribution of spore types.)
PROBLEM INTERIORS: A substantial increase of one or two spore types which are inconsistent with and non-reflective of the outside distribution of spore types is usually indicative of an indoor reservoir of mold growth.
The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.
‡ A "Version" greater than 1 indicates amended data.

HYGIENE TECH
Hygiene Technologies International, Inc.
3625 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/Purchase Order: 20804001 Date Submitted: 4/14/08

Project Contact: Wes Frey Turnaround Required: standard

Lab Destination: EML Lab Contact:

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
20804001 - VM01OUT3L	56.4L	MEA	viable fungi ID
- VM02 3L			
- VM03 3L			
- VM04 3L			
- VM05 3L			
- VM06 3L			
- VM07 3L			
- VM08 3L			
- VM09 3L			
- VM10OUT3L			
- TM17OUT3L	75L	allergenco D	total fungi ID
- TM18 3L			
- TM19 3L			
- TM20 3L			
- TM21 3L			
- TM22 3L			

Special Instructions:

1. Sampled by: John Le 4/14/08 1600 Received by: [redacted] 4/15/08 10AM
2. Relinquished by: Received by:
3. Relinquished by: Received by:

Please include signature, date, and time

Lab Use Only:

HYGIENE TECH
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Request For Analysis

Project Number/Purchase Order: 20804001 Date Submitted: 4/14/08

Project Contact: Wes Frey Turnaround Required: standard

Lab Destination: EML Lab Contact:

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
20804001-TM03SL	75L	allergenco D	total fungi ID
-TM24SL	↓	↓	↓
-TM25SL			
-TM26SL			
-TM27SL			
-TM28SL			
-TM29SL			
-TM30SL			
-TM31SL			
-TM32SL			
-TM33SL			
-TM34-DUPSL			

Special Instructions:

1. Sampled by: John Le 4/14/08 1600 Received by: [illegible] 4/15/08 10AM
2. Relinquished by: Received by:
3. Relinquished by: Received by:

Please include signature, date, and time

Lab Use Only:

4/16/08

EMLab P&K
3800 Watt Ave., Suite 145, Sacramento, CA 95821
(650) 829-5800 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.
C/O: Mr. John Le
Re: 20804001

Date of Receipt: 04-11-2008
Date of Report: 04-14-2008

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20804001-TM09CCJL		20804001-TM10CCJL		20804001-TM11CCJL		20804001-TM12CCJL	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	1801683-1		1801684-1		1801685-1		1801686-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*							1	53
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	2	107	1	53	2	107	1	53
Curvularia								
Epicoccum					1	13		
Fusarium								
Myrothecium								
Nigrospora								
Other colorless								
Penicillium/Aspergillus types†			2	107				
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*								
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	1+		2+		2+		2+	
Sample volume (liters)	75		75		75		75	
TOTAL SPORE/m3		107		160		120		106

Comments:

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium, Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.
The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.
‡ A "Version" greater than 1 indicates amended data.

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Client: Hygiene Technologies International, Inc.
C/O: Mr. John Le
Re: 20804001

Date of Receipt: 04-11-2008
Date of Report: 04-14-2008

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20804001-TM13CCJL		20804001-TM14CCJL		20804001-TM15CCJL		20804001-TM16CCJL	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	1801687-1		1801688-1		1801689-1		1801690-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*								
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	1	53	4	213			3	160
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Other colorless								
Penicillium/Aspergillus types†			1	53	2	107		
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*	5	67	2	27				
Stachybotrys								
Stemphylium								
Torula			1	13				
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		3+		3+		3+	
Sample volume (liters)	75		75		75		75	
TOTAL SPORE/m3		120		306		107		160

Comments:

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium, Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.
The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.
‡ A "Version" greater than 1 indicates amended data.

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Client: Hygiene Technologies International, Inc.
C/O: Mr. John Le
Re: 20804001

Date of Sampling: 04-10-2008
Date of Receipt: 04-11-2008
Date of Report: 04-14-2008

DIRECT MICROSCOPIC EXAMINATION REPORT
(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 1801667-1: Swab sample 20804001-S01JL				
Moderate	Few	None	None	Normal trapping
Lab ID-Version: 1801668-1: Swab sample 20804001-S02JL				
Heavy	Few	None	Many *Ulocladium* spores detected.	Mold growth in vicinity?
Lab ID-Version: 1801669-1: Swab sample 20804001-S03JL				
Heavy	Few	None	Many *Ulocladium* and *Cladosporium* spores detected.	Mold growth in vicinity?
Lab ID-Version: 1801670-1: Swab sample 20804001-S04JL				
Heavy	Few	None	Many *Ulocladium* and colorless spores typical of *Penicillium* / *Aspergillus* detected.	Mold growth in vicinity?
Lab ID-Version: 1801671-1: Swab sample 20804001-S05JL				
Heavy	Few	None	Many colorless spores typical of *Penicillium* / *Aspergillus* detected.	Mold growth in vicinity?
Lab ID-Version: 1801672-1: Swab sample 20804001-S06JL				
Heavy	Few	None	Many colorless spores typical of *Penicillium* / *Aspergillus* detected.	Mold growth in vicinity?
Lab ID-Version: 1801673-1: Swab sample 20804001-S07JL				
Moderate	Few	None	None	Normal trapping
Lab ID-Version: 1801674-1: Swab sample 20804001-S08JL				
Heavy	Few	None	Many *Alternaria* spores detected.	Mold growth in vicinity?
Lab ID-Version: 1801675-1: Swab sample 20804001-S09JL				
Moderate	Few	None	None	Normal trapping

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 1801676-1: Swab sample 20804001-S10JL				
Heavy	Few	None	None	Normal trapping
Lab ID-Version: 1801677-1: Swab sample 20804001-S11JL				
Moderate	Few	None	None	Normal trapping
Lab ID-Version: 1801678-1: Swab sample 20804001-S12JL				
Moderate	Few	None	None	Normal trapping
Lab ID-Version: 1801679-1: Swab sample 20804001-S13JL				
Heavy	Few	None	None	Normal trapping
Lab ID-Version: 1801680-1: Swab sample 20804001-S14JL				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 1801681-1: Swab sample 20804001-S15JL				
Heavy	Few	None	None	Normal trapping
Lab ID-Version: 1801682-1: Swab sample 20804001-S16JL				
Moderate	Few	None	Many *Alternaria* spores detected.	Mold growth in vicinity?

‡ A "Version" greater than 1 indicates amended data.

HYGIENE TECH
Hygiene Technologies International, Inc.
3625 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/Purchase Order: 20804001 Date Submitted: 4/10/08

Project Contact: Wes Frey Turnaround Required: standard

Lab Destination: EM lab Lab Contact: _____

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
20804001-S09JL	N/A	swab	surface fungi ID qualitative
-S10JL			
-S11JL			
-S12JL			
-S13JL			
-S14JL			
-S15JL			
-S16JL	↓	↓	↓
-TM09CCJL	75L	allergenco D	total fungi ID
-TM10CCJL			
-TM11CCJL			
-TM12CCJL			
-TM13CCJL			
-TM14CCJL			
-TM15CCJL			
-TM16CCJL	↓	↓	↓

Special Instructions: _____

1. Sampled by: John Le 4/10/08 1200 Received by: Cassandra Cooley 04/11/08 4:00pm
2. Relinquished by: _____ Received by: _____
3. Relinquished by: _____ Received by: _____

Please include signature, date, and time

Lab Use Only:

5h10h5

HYGIENE TECH
Hygiene Technologies International, Inc.
3625 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/Purchase Order: 20804001 Date Submitted: 4/11/08

Project Contact: Wes Frey Turnaround Required: standard

Lab Destination: EMLabs Lab Contact:

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
20804001-S01JL	N/A	swab	surface fungi ID qualitative
-S02JL			
-S03JL			
-S04JL			
-S05JL			
-S06JL			
-S07JL			
-S08JL			

Special Instructions:

1. Sampled by: John Le 4/4/08 1500 Received by: Cassandra Cooley 4/11/08 4:00pm
2. Relinquished by: Received by:
3. Relinquished by: Received by:

Please include signature, date, and time

Lab Use Only:

410H5

BIOHYGIENE Laboratories

2200 Amapola Ct., Suite 102
Torrance, CA 90501
(310) 618-0400 (310) 618-9400 fax

FINAL REPORT: Total Fungal Spore Trap Count

PROJECT NUMBER: 20804001

LABORATORY ID NUMBER: 0804013

Hygiene Technologies International, Inc.

Attention: Wes Frey
4330 Auburn Blvd. Suite 1850
Sacramento, CA 95841

Received Date: April 07, 2008
Report Date: April 11, 2008

Customer Sample Number: -TM01CCJL **Method: M101.1** **Date Of Analysis: 11-Apr-08** **Detection Limit: 52 Spores/M^3**
Background: Moderate particulates **Sample Intact: Yes**

Genus (species)	Raw Count	Total Spores / M^3	Comment
Ascospores		P	
Basidiospores	1	52	
Cladosporium	4	210	
Fusarium		P	
Oidium	1	52	
Penicillium/Aspergillus types	3	160	
Pollen		P	
Smuts/Myxomycetes	1	52	
Stachybotrys		P	
Unidentified mitosporic fungi		P	
TOTAL	**10**	**530**	

P = Spores Present < (less than) = measurement below the reporting limit

Rounding: Note that all reported counts have been rounded to two significant figures based on the sampling and analytical methods used. BioHygiene Labs rounds such that if the last significant digit is an even number, then the result is rounded down to that digit; if the last significant digit is an odd number, then it is rounded up to the nearest even number. Thus the TOTAL may not equal the sum of the individual counts per column. TOTAL rows do not include pollen.

Background is graded as Very Light (0 - 10%), Light (>10 - 30%), Moderate (>30 - 70%), Heavy (>70 - 90%), and Very Heavy (>90%) Particulates as a percentage of the trace area.

APPROVED: _____ **DATE:** 04/11/08

Name Lucas Walton **Title:** Lab Analyst

BIOHYGIENE Laboratories

2200 Amapola Ct., Suite 102
Torrance, CA 90501
(310) 618-0400 (310) 618-9400 fax

FINAL REPORT: Total Fungal Spore Trap Count

PROJECT NUMBER: 20804001

LABORATORY ID NUMBER: 0804013

Hygiene Technologies International, Inc.

Attention: Wes Frey
4330 Auburn Blvd. Suite 1850
Sacramento, CA 95841

Received Date: April 07, 2008
Report Date: April 11, 2008

Customer Sample Number: -TM02CCJL **Method: M101.1** **Date Of Analysis: 11-Apr-08** **Detection Limit: 52 Spores/M^3**
Background: Heavy particulates **Sample Intact: Yes**

Genus (species)	Raw Count	Total Spores / M^3	Comment
Alternaria	2	100	
Ascospores	3	160	
Basidiospores	13	680	
Botrytis		P	
Cladosporium	57	3000	
Penicillium/Aspergillus types	5	260	
Pollen	3	160	
Rusts		P	
Smuts/Myxomycetes	5	260	
Torula	1	52	
Ulocladium		P	
Unidentified mitosporic fungi		P	
TOTAL	**86**	**4500**	

P = Spores Present < (less than) = measurement below the reporting limit

Rounding: Note that all reported counts have been rounded to two significant figures based on the sampling and analytical methods used. BioHygiene Labs rounds such that if the last significant digit is an even number, then the result is rounded down to that digit; if the last significant digit is an odd number, then it is rounded up to the nearest even number. Thus the TOTAL may not equal the sum of the individual counts per column. TOTAL rows do not include pollen.

Background is graded as Very Light (0 - 10%), Light (>10 - 30%), Moderate (>30 - 70%), Heavy (>70 - 90%), and Very Heavy (>90%) Particulates as a percentage of the trace area.

APPROVED: _____ **DATE:** 04/11/08

Name Lucas Wallin **Title:** Lab Analyst

BIOHYGIENE Laboratories

2200 Amapola Ct., Suite 102
Torrance, CA 90501
(310) 618-0400 (310) 618-9400 fax

FINAL REPORT: Total Fungal Spore Trap Count

PROJECT NUMBER: 20804001

LABORATORY ID NUMBER: 0804013

Hygiene Technologies International, Inc.

Attention: Wes Frey
4330 Auburn Blvd. Suite 1850
Sacramento, CA 95841

Received Date: April 07, 2008
Report Date: April 11, 2008

Customer Sample Number: -TM03CCJL **Method: M101.1** **Date Of Analysis: 11-Apr-08** **Detection Limit: 52 Spores/M^3**
Background: Moderate particulates **Sample Intact: Yes**

Genus (species)	Raw Count	Total Spores / M^3	Comment
Alternaria	2	100	
Ascospores	1	52	
Basidiospores	9	470	
Botrytis		P	
Cladosporium	39	2000	
Nigrospora		P	
Oidium		P	
Penicillium/Aspergillus types	3	160	
Pollen	3	160	
Rusts		P	
Smuts/Myxomycetes	4	210	
Stemphylium		P	
Ulocladium		P	
Unidentified mitosporic fungi	4	210	
TOTAL	**62**	**3200**	

P = Spores Present < (less than) = measurement below the reporting limit

Rounding: Note that all reported counts have been rounded to two significant figures based on the sampling and analytical methods used. BioHygiene Labs rounds such that if the last significant digit is an even number, then the result is rounded down to that digit; if the last significant digit is an odd number, then it is rounded up to the nearest even number. Thus the TOTAL may not equal the sum of the individual counts per column. TOTAL rows do not include pollen.

Background is graded as Very Light (0 - 10%), Light (>10 - 30%), Moderate (>30 - 70%), Heavy (>70 - 90%), and Very Heavy (>90%) Particulates as a percentage of the trace area.

APPROVED: _____ **DATE:** 04/11/08

Name Lucas Wallin **Title:** Lab Analyst

BIOHYGIENE
Laboratories

2200 Amapola Ct., Suite 102
Torrance, CA 90501
(310) 618-0400 (310) 618-9400 fax

FINAL REPORT: Total Fungal Spore Trap Count

PROJECT NUMBER: 20804001

LABORATORY ID NUMBER: 0804013

Hygiene Technologies International, Inc.

Attention: Wes Frey
4330 Auburn Blvd. Suite 1850
Sacramento, CA 95841

Received Date: April 07, 2008

Report Date: April 11, 2008

Customer Sample Number: -TM04CCJL **Method: M101.1** **Date Of Analysis: 11-Apr-08** **Detection Limit: 52 Spores/M^3**
Background: Moderate particulates **Sample Intact: Yes**

Genus (species)	Raw Count	Total Spores / M^3	Comment
Alternaria		P	
Ascospores	1	52	
Basidiospores	2	100	
Cladosporium	3	160	
Penicillium/Aspergillus types	5	260	
Smuts/Myxomycetes		P	
Unidentified mitosporic fungi	3	160	
Unidentified zygomycetes		P	
TOTAL	**14**	**730**	

Customer Sample Number: -TM05CCJL **Method: M101.1** **Date Of Analysis: 10-Apr-08** **Detection Limit: 52 Spores/M^3**
Background: Moderate particulates **Sample Intact: Yes**

Genus (species)	Raw Count	Total Spores / M^3	Comment
Ascospores	1	52	
Basidiospores	5	260	
Cladosporium	3	160	
Epicoccum		P	
Penicillium/Aspergillus types	2	100	
Pollen		P	
Smuts/Myxomycetes	2	100	
Torula	1	52	
Unidentified zygomycetes	1	52	
TOTAL	**15**	**780**	

P = Spores Present < (less than) = measurement below the reporting limit

Rounding: Note that all reported counts have been rounded to two significant figures based on the sampling and analytical methods used. BioHygiene Labs rounds such that if the last significant digit is an even number, then the result is rounded down to that digit; if the last significant digit is an odd number, then it is rounded up to the nearest even number. Thus the TOTAL may not equal the sum of the individual counts per column. TOTAL rows do not include pollen.

Background is graded as Very Light (0 - 10%), Light (>10 - 30%), Moderate (>30 - 70%), Heavy (>70 - 90%), and Very Heavy (>90%) Particulates as a percentage of the trace area.

APPROVED: _____ **DATE:** 04/11/08

Name Lucas Wallin **Title:** Lab Analyst

BIOHYGIENE Laboratories

2200 Amapola Ct., Suite 102
Torrance, CA 90501
(310) 618-0400 (310) 618-9400 fax

FINAL REPORT: Total Fungal Spore Trap Count

PROJECT NUMBER: 20804001

Hygiene Technologies International, Inc.
Attention: Wes Frey
4330 Auburn Blvd. Suite 1850
Sacramento, CA 95841

LABORATORY ID NUMBER: 0804013
Received Date: April 07, 2008
Report Date: April 11, 2008

Customer Sample Number: -TM06CCJL **Method: M101.1** **Date Of Analysis: 10-Apr-08** **Detection Limit: 52 Spores/M³**
Background: Moderate particulates **Sample Intact: Yes**

Genus (species)	Raw Count	Total Spores / M³	Comment
Basidiospores	1	52	
Cladosporium	1	52	
Penicillium/Aspergillus types	2	100	
Smuts/Myxomycetes		P	
Unidentified mitosporic fungi		P	
TOTAL	**4**	**200**	

Customer Sample Number: -TM07CCJL **Method: M101.1** **Date Of Analysis: 11-Apr-08** **Detection Limit: 52 Spores/M³**
Background: Moderate particulates **Sample Intact: Yes**

Genus (species)	Raw Count	Total Spores / M³	Comment
Alternaria		P	
Ascospores		P	
Basidiospores	5	260	
Cladosporium	2	100	
Oidium		P	
Penicillium/Aspergillus types	7	360	
Pollen		P	
Rusts		P	
Smuts/Myxomycetes	2	100	
Unidentified mitosporic fungi		P	
TOTAL	**16**	**820**	

P = Spores Present < (less than) = measurement below the reporting limit

Rounding: Note that all reported counts have been rounded to two significant figures based on the sampling and analytical methods used. BioHygiene Labs rounds such that if the last significant digit is an even number, then the result is rounded down to that digit; if the last significant digit is an odd number, then it is rounded up to the nearest even number. Thus the TOTAL may not equal the sum of the individual counts per column. TOTAL rows do not include pollen.

Background is graded as Very Light (0 - 10%), Light (>10 - 30%), Moderate (>30 - 70%), Heavy (>70 - 90%), and Very Heavy (>90%) Particulates as a percentage of the trace area.

APPROVED: _____ **DATE:** 04/11/08

Name Lucas Wallin **Title:** Lab Analyst

BIOHYGIENE Laboratories

2200 Amapola Ct., Suite 102
Torrance, CA 90501
(310) 618-0400 (310) 618-9400 fax

FINAL REPORT: Total Fungal Spore Trap Count

PROJECT NUMBER: 20804001

LABORATORY ID NUMBER: 0804013

Hygiene Technologies International, Inc.
Attention: Wes Frey
4330 Auburn Blvd. Suite 1850
Sacramento, CA 95841

Received Date: April 07, 2008
Report Date: April 11, 2008

Customer Sample Number: -TM08CCJL **Method: M101.1** **Date Of Analysis: 11-Apr-08** **Detection Limit: 52 Spores/M^3**
Background: Light particulates **Sample Intact: Yes**

Genus (species)	Raw Count	Total Spores / M^3	Comment
Basidiospores	2	100	
Botrytis		P	
Cladosporium	2	100	
Unidentified mitosporic fungi		P	
TOTAL	**4**	**200**	

P = Spores Present < (less than) = measurement below the reporting limit

Rounding: Note that all reported counts have been rounded to two significant figures based on the sampling and analytical methods used. BioHygiene Labs rounds such that if the last significant digit is an even number, then the result is rounded down to that digit; if the last significant digit is an odd number, then it is rounded up to the nearest even number. Thus the TOTAL may not equal the sum of the individual counts per column. TOTAL rows do not include pollen.

Background is graded as Very Light (0 - 10%), Light (>10 - 30%), Moderate (>30 - 70%), Heavy (>70 - 90%), and Very Heavy (>90%) Particulates as a percentage of the trace area.

APPROVED: _____ **DATE:** 04/11/08

Name Lucas Weller **Title:** Lab Analyst

-0804013
1 3of3
RG04.07.08

HYGIENE TECH

Hygiene Technologies International, Inc.
3625 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/Purchase Order: 20804001 Date Submitted: 4/4/08

Project Contact: Wes Frey Turnaround Required: Standard

Lab Destination: Bio Hygiene Lab Contact:

	SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
1	20804001-TM01CCJL	75L	allergenco D	M 101.1
2	20804001-TM02CCJL	↓	↓	↓
3	20804001-TM03CCJL	↓	↓	↓
4	20804001-TM04CCJL	↓	↓	↓
5	20804001-TM05CCJL	↓	↓	↓
6	20804001-TM06CCJL	↓	↓	↓
7	20804001-TM07CCJL	↓	↓	↓
8	20804001-TM08CCJL	↓	↓	↓

RG04.07.08

Special Instructions:

1. **Sampled by:** John Le 4/4/08 1500 **Received by:** R Galleg 04.07.08 9:36
2. **Relinquished by:** R Galleg 04.07.08 10:37 **Received by:** R Galleg 04.10.08 10:30 (-TM01CCJL to -TM04CCJL)
3. **Relinquished by:** **Received by:** [signature] 04.10.08 ~~2:45~~ 1445 (-TM05CCJL ~~-TM06CCJL to~~ -TM06CCJL) RG04.10.08
   LHW 04.10.08 16:30 (-TM07CCJL, -TM08CCJL)

Please include signature, date, and time

Lab Use Only: contacted Tom Le 04.10.08 to confirm air volume as 75L. RG 04.10.08
Completed on 04.11.08 Book 3201 p7 (-TM01CCJL, -TM02CCJL) p8 (-TM04CCJL) p11 (-TM03CCJL) RG.

completed on 04.11.08 Book 3204 p.7 (-TM07CCJL, -TM08CCJL). LHW

-0804013

lot 73

HYGIENE TECH
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Request For Analysis

Project Number/Purchase Order: 20804001 Date Submitted: 4/4/08

Project Contact: Wes Frey Turnaround Required: standard

Lab Destination: Bio Hygiene Lab Contact:

	SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
1	20804001-TL01JL	N/A	Bio tape	M 102.1
2	20804001-TL02JL			
3	20804001-TL03JL			
4	20804001-TL04JL			
5	20804001-TL05JL			
	20804001-TL06JL			
	20804001-TL07JL			
	20804001-TL08JL			
	20804001-TL09JL			
	20804001-TL10JL			
	20804001-TL11JL			
	20804001-TL12JL			
	20804001-TL13JL			
14	20804001-TL14JL			
15	20804001-TL15JL			
16	20804001-TL16JL			

Special Instructions:

1. Sampled by: Johnde 4/4/08 1200 Received by: R Dalleges 04.07.08 9:30
2. Relinquished by: R Dalleges 04.07.08 10:37 Received by: R Dalleges 04.10.08 (-TL17 to -TL16JL) 9:10
3. Relinquished by: Received by: LHW 04.11.08 16:30 (-TL01JL to -TL09JL)

Please include signature, date, and time

Lab Use Only:
(completed on 04.11.08 Book 7197 p.27 (-TL01JL to -TL09JL) p.28 (unsure -TL10JL) LHW
Completed on 04.11.08 Book 3202 (-TL11JL to -TL16JL) RD

-0804013

20573

HYGIENE TECH
Hygiene Technologies International, Inc.
3625 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/Purchase Order: 20804001 Date Submitted: 4/4/08

Project Contact: Wes Frey Turnaround Required: standard

Lab Destination: Bio Hygiene Lab Contact:

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
20804001 - TL17JL	N/A	Bio tape	M 102.1
20804001 - TL18JL	↓	↓	↓
20804001 - TL19JL			
20804001 - TL 20JL			

Special Instructions:

1. Sampled by: Johnyle 4/4/08 1200 Received by: R Gallegos 04.07.08 7:30
2. Relinquished by: R Gallegos 04.07.08 10:37 Received by: R Gallegos 04.11.08 9:10 (-TL17JL to TL20JL)
3. Relinquished by: Received by:

Please include signature, date, and time

Lab Use Only:
Completed in 04.11.08 Book 3202 p2(-TL17JL) p10(-TL18JL to -TL20JL) RG.

BIOHYGIENE
Laboratories

2200 Amapola Ct., Suite 102
Torrance, CA 90501
(310) 618-0400 (310) 618-9400 fax

FINAL REPORT: Direct Microscopic Exam Of Tape Lift Samples

PROJECT NUMBER: 20804001

Hygiene Technologies International, Inc.
Attention: Wes Frey
4330 Auburn Blvd. Suite 1850
Sacramento, CA 95841

LABORATORY ID NUMBER: 0804013
Received Date: April 07, 2008
Report Date: April 11, 2008

Customer Sample Number	Date of Analysis	Method	Sample Intact	Amorphous Debris	Miscellaneous Fungi/Pollen[1]	Fungi with hyphal and /or sporulating structures[2]	Loose spores/ Other comments[2]
-TL01JL	04/11/08	M102.1	Yes	Light dander, Very light fibers, Very light particulates	Trace	None	Trace Epicoccum (single spore observed)
-TL02JL	04/11/08	M102.1	Yes	Moderate dander, Moderate fibers, Moderate particulates, Very light insect parts	Trace	None	Trace Cladosporium, Trace Curvularia*, Trace Epicoccum, Trace Oidium*, *(single spore observed)
-TL03JL	04/11/08	M102.1	Yes	Light dander, Light particulates, Very light fibers	Trace	None	None
-TL04JL	04/11/08	M102.1	Yes	Light dander, Light fibers, Very light particulates	Trace	None	None
-TL05JL	04/11/08	M102.1	Yes	Light dander, Light particulates, Very light fibers	Trace	None	Trace Cladosporium
-TL06JL	04/11/08	M102.1	Yes	Light dander, Very light fibers, Very light particulates	Trace	None	None
-TL07JL	04/11/08	M102.1	Yes	Very light dander, Very light fibers, Very light particulates	None	None	None
-TL08JL	04/11/08	M102.1	Yes	Light dander, Very light fibers, Very light particulates	Trace	None	None
-TL09JL	04/11/08	M102.1	Yes	Very light dander, Very light fibers, Very light particulates	Trace	None	Trace Penicillium/Aspergillus types

1 - Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

2 - Quantities of fungi are graded (from least to greatest) as a percentage of coverage of the slide area examined: none (0%), trace (0 - 10%), few (10 - 40%), numerous (40 - 80%), and massive (>80%).

APPROVED: _____ **DATE:** 04/11/08

Name Lucas Wallin **Title:** Lab Analyst

BIOHYGIENE
Laboratories

2200 Amapola Ct., Suite 102
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PROJECT NUMBER: 20804001

Hygiene Technologies International, Inc.
Attention: Wes Frey
4330 Auburn Blvd. Suite 1850
Sacramento, CA 95841

LABORATORY ID NUMBER: 0804013
Received Date: April 07, 2008
Report Date: April 11, 2008

Customer Sample Number	Date of Analysis	Method	Sample Intact	Amorphous Debris	Miscellaneous Fungi/Pollen[1]	Fungi with hyphal and /or sporulating structures[2]	Loose spores/ Other comments[2]
-TL10JL	04/11/08	M102.1	Yes	Light dander, Light fibers, Light particulates	Trace	None	Trace Penicillium/Aspergillus types
-TL11JL	04/11/08	M102.1	Yes	Very light dander, Very light fibers, Very light particulates	Trace	None	Trace Penicillium/Aspergillus types (single spore observed)
-TL12JL	04/11/08	M102.1	Yes	Moderate dander, Light fibers, Very light particulates	Trace	None	Trace Cladosporium, Trace Penicillium/Aspergillus types
-TL13JL	04/11/08	M102.1	Yes	Very light dander, Very light fibers, Very light particulates	Trace	None	Trace Penicillium/Aspergillus types (single spore observed)
-TL14JL	04/11/08	M102.1	Yes	Very light dander, Very light fibers, Very light particulates	None	None	None
-TL15JL	04/11/08	M102.1	Yes	Very light dander, Very light fibers, Very light particulates	Trace	None	Trace Cladosporium (single spore observed)
-TL16JL	04/11/08	M102.1	Yes	Very light dander, Very light fibers, Very light particulates	Trace	None	None
-TL17JL	04/11/08	M102.1	Yes	Very light dander, Very light fibers, Very light particulates	None	None	Trace Cladosporium (single spore observed)
-TL18JL	04/11/08	M102.1	Yes	Light dander, Light particulates, Very light fibers	Trace	None	Trace Penicillium/Aspergillus types

1 - Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

2 - Quantities of fungi are graded (from least to greatest) as a percentage of coverage of the slide area examined: none (0%), trace (0 - 10%), few (10 - 40%), numerous (40 - 80%), and massive (>80%).

APPROVED: _____ **DATE:** 04/11/08

Name Lucas Willis **Title:** Lab Analyst

BIOHYGIENE Laboratories

2200 Amapola Ct., Suite 102
Torrance, CA 90501
(310) 618-0400 (310) 618-9400 fax

FINAL REPORT: Direct Microscopic Exam Of Tape Lift Samples

PROJECT NUMBER: 20804001

Hygiene Technologies International, Inc.
Attention: Wes Frey
4330 Auburn Blvd. Suite 1850
Sacramento, CA 95841

LABORATORY ID NUMBER: 0804013
Received Date: April 07, 2008
Report Date: April 11, 2008

Customer Sample Number	Date of Analysis	Method	Sample Intact	Amorphous Debris	Miscellaneous Fungi/Pollen[1]	Fungi with hyphal and /or sporulating structures[2]	Loose spores/ Other comments[2]
-TL19JL	04/11/08	M102.1	Yes	Light dander, Light particulates, Very light fibers	Trace	None	Trace Cladosporium, Trace Penicillium/Aspergillus types, Trace Unidentified mitosporic fungi
-TL20JL	04/11/08	M102.1	Yes	Moderate dander, Moderate fibers, Light particulates	Trace	None	Trace Bipolaris/Drechslera group*, Trace Cladosporium, Trace Penicillium/Aspergillus types, Trace Torula*, Trace Ulocladium*, *(single spore observed)

1 - Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

2 - Quantities of fungi are graded (from least to greatest) as a percentage of coverage of the slide area examined: none (0%), trace (0 - 10%), few (10 - 40%), numerous (40 - 80%), and massive (>80%).

APPROVED: _____ **DATE:** 04/11/08

Name Lucas Wallin **Title:** Lab Analyst